

Two Term Class Number Formula of Dirichlet Type

The solutions are organized into tables in the following pages. Each table is for a single value of e . Within the tables the solutions are grouped together into sections that satisfy the same congruence relation $|D| \equiv s_0 \pmod{m}$.

$$h(-e|D|) = c_1 \sum_{q_1|D| < n < q_2|D|} \left(\frac{D}{n}\right) + c_2 \sum_{q_3|D| < n < q_4|D|} \left(\frac{D}{n}\right), |D| \equiv s_0 \pmod{m}.$$

For the case $e = 1$ there were 1958 formulae, given below.

Table 1: Two Term Dirichlet Type Formulae, $e = 1$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 3 \pmod{20}$							
$\frac{2}{3}$	$0, \frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{5}, \frac{2}{5}$				
$ D \equiv 7 \pmod{20}$							
$\frac{2}{3}$	$0, \frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{5}, \frac{2}{5}$				
$ D \equiv 11 \pmod{20}$							
1	$0, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{5}, \frac{2}{5}$				
$ D \equiv 19 \pmod{20}$							
1	$0, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{5}, \frac{2}{5}$				
$ D \equiv 3 \pmod{8}$							
$\frac{2}{3}$	$0, \frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{8}, \frac{3}{8}$	$\frac{1}{3}$	$0, \frac{1}{8}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{3}{8}$
$\frac{-1}{3}$	$\frac{1}{8}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{3}{8}$	$\frac{1}{3}$	$\frac{1}{8}, \frac{3}{8}$	$\frac{2}{3}$	$\frac{3}{8}, \frac{1}{2}$
$ D \equiv 7 \pmod{8}$							
1	$0, \frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{8}, \frac{3}{8}$	1	$0, \frac{1}{8}$	1	$\frac{1}{4}, \frac{3}{8}$
1	$0, \frac{1}{8}$	-1	$\frac{3}{8}, \frac{1}{2}$				
$ D \equiv 3 \pmod{40}$							
$\frac{2}{3}$	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{5}, \frac{2}{5}$	$\frac{1}{3}$	$0, \frac{1}{5}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{2}{5}$
$\frac{1}{3}$	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{2}{5}$	$\frac{-1}{3}$	$\frac{1}{5}, \frac{3}{10}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{2}{5}$
$\frac{1}{3}$	$\frac{1}{5}, \frac{2}{5}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{1}{2}$				

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 7 \pmod{40}$							
$\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{10}, \frac{1}{5}$	1	$0, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$
$\frac{3}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{5}, \frac{3}{10}$	$\frac{3}{4}$	$0, \frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{5}, \frac{3}{10}$
$\frac{3}{2}$	$\frac{1}{10}, \frac{1}{5}$	$-\frac{1}{2}$	$\frac{1}{5}, \frac{3}{10}$	$\frac{3}{4}$	$0, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{2}{5}$
1	$0, \frac{1}{10}$	1	$\frac{1}{5}, \frac{2}{5}$	2	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{2}{5}$
1	$0, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{2}{5}$
$\frac{1}{2}$	$0, \frac{3}{10}$	1	$\frac{3}{10}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{2}{5}$
1	$\frac{1}{5}, \frac{3}{10}$	3	$\frac{3}{10}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{1}{2}$
1	$0, \frac{1}{10}$	-1	$\frac{3}{10}, \frac{1}{2}$	$\frac{2}{3}$	$0, \frac{1}{5}$	$-\frac{1}{3}$	$\frac{3}{10}, \frac{1}{2}$
2	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{1}{2}$	-2	$\frac{1}{5}, \frac{3}{10}$	-3	$\frac{3}{10}, \frac{1}{2}$
$\frac{1}{2}$	$0, \frac{1}{10}$	-1	$\frac{2}{5}, \frac{1}{2}$	$\frac{1}{2}$	$0, \frac{1}{5}$	$-\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$
$-\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{5}, \frac{3}{10}$	$-\frac{3}{2}$	$\frac{2}{5}, \frac{1}{2}$
-1	$\frac{1}{10}, \frac{2}{5}$	-3	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{5}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{3}{10}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 11 \pmod{40}$							
1	$0, \frac{1}{5}$	1	$\frac{3}{10}, \frac{2}{5}$	-1	$0, \frac{1}{5}$	1	$\frac{2}{5}, \frac{1}{2}$
$-\frac{1}{2}$	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{5}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{5}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 19 \pmod{40}$							
1	$0, \frac{1}{5}$	1	$\frac{3}{10}, \frac{2}{5}$	-1	$0, \frac{1}{5}$	1	$\frac{2}{5}, \frac{1}{2}$
$-\frac{1}{2}$	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{5}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{5}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 23 \pmod{40}$							
$\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{10}, \frac{1}{5}$	1	$0, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$
$\frac{3}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{5}, \frac{3}{10}$	$\frac{3}{4}$	$0, \frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{5}, \frac{3}{10}$
$\frac{3}{2}$	$\frac{1}{10}, \frac{1}{5}$	$-\frac{1}{2}$	$\frac{1}{5}, \frac{3}{10}$	$\frac{3}{4}$	$0, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{2}{5}$
1	$0, \frac{1}{10}$	1	$\frac{1}{5}, \frac{2}{5}$	2	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{2}{5}$
1	$0, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{2}{5}$
$\frac{1}{2}$	$0, \frac{3}{10}$	1	$\frac{3}{10}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{2}{5}$
1	$\frac{1}{5}, \frac{3}{10}$	3	$\frac{3}{10}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{1}{2}$
1	$0, \frac{1}{10}$	-1	$\frac{3}{10}, \frac{1}{2}$	$\frac{2}{3}$	$0, \frac{1}{5}$	$-\frac{1}{3}$	$\frac{3}{10}, \frac{1}{2}$
2	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{1}{2}$	-2	$\frac{1}{5}, \frac{3}{10}$	-3	$\frac{3}{10}, \frac{1}{2}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$\frac{1}{2}$	$0, \frac{1}{10}$	-1	$\frac{2}{5}, \frac{1}{2}$	$\frac{1}{2}$	$0, \frac{1}{5}$	$\frac{-1}{2}$	$\frac{2}{5}, \frac{1}{2}$
$\frac{-1}{2}$	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$	$\frac{-1}{2}$	$\frac{1}{5}, \frac{3}{10}$	$\frac{-3}{2}$	$\frac{2}{5}, \frac{1}{2}$
-1	$\frac{1}{10}, \frac{2}{5}$	-3	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{5}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{3}{10}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 27 \pmod{40}$							
$\frac{2}{3}$	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{5}, \frac{2}{5}$	$\frac{1}{3}$	$0, \frac{1}{5}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{2}{5}$
$\frac{1}{3}$	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{2}{5}$	$\frac{-1}{3}$	$\frac{1}{5}, \frac{3}{10}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{2}{5}$
$\frac{1}{3}$	$\frac{1}{5}, \frac{2}{5}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 31 \pmod{40}$							
1	$0, \frac{1}{10}$	2	$\frac{1}{10}, \frac{1}{5}$	1	$0, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$
1	$0, \frac{1}{10}$	$\frac{2}{3}$	$\frac{1}{5}, \frac{3}{10}$	1	$0, \frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{5}, \frac{3}{10}$
1	$0, \frac{1}{10}$	$\frac{2}{3}$	$\frac{1}{10}, \frac{2}{5}$	1	$0, \frac{1}{10}$	1	$\frac{1}{5}, \frac{2}{5}$
1	$0, \frac{1}{10}$	-2	$\frac{3}{10}, \frac{2}{5}$	1	$0, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{2}{5}$
1	$0, \frac{3}{10}$	2	$\frac{3}{10}, \frac{2}{5}$	1	$0, \frac{1}{10}$	2	$\frac{1}{5}, \frac{1}{2}$
1	$0, \frac{1}{10}$	-1	$\frac{3}{10}, \frac{1}{2}$	1	$0, \frac{1}{5}$	$\frac{-1}{2}$	$\frac{3}{10}, \frac{1}{2}$
1	$0, \frac{1}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$	1	$0, \frac{1}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$
1	$0, \frac{3}{10}$	2	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 39 \pmod{40}$							
1	$0, \frac{1}{10}$	2	$\frac{1}{10}, \frac{1}{5}$	1	$0, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$
1	$0, \frac{1}{10}$	$\frac{2}{3}$	$\frac{1}{5}, \frac{3}{10}$	1	$0, \frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{5}, \frac{3}{10}$
1	$0, \frac{1}{10}$	$\frac{2}{3}$	$\frac{1}{10}, \frac{2}{5}$	1	$0, \frac{1}{10}$	1	$\frac{1}{5}, \frac{2}{5}$
1	$0, \frac{1}{10}$	-2	$\frac{3}{10}, \frac{2}{5}$	1	$0, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{2}{5}$
1	$0, \frac{3}{10}$	2	$\frac{3}{10}, \frac{2}{5}$	1	$0, \frac{1}{10}$	2	$\frac{1}{5}, \frac{1}{2}$
1	$0, \frac{1}{10}$	-1	$\frac{3}{10}, \frac{1}{2}$	1	$0, \frac{1}{5}$	$\frac{-1}{2}$	$\frac{3}{10}, \frac{1}{2}$
1	$0, \frac{1}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$	1	$0, \frac{1}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$
1	$0, \frac{3}{10}$	2	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 7 \pmod{24}$							
1	$0, \frac{1}{12}$	$\frac{1}{2}$	$\frac{1}{12}, \frac{5}{12}$	1	$0, \frac{1}{12}$	1	$\frac{1}{6}, \frac{5}{12}$
1	$0, \frac{1}{12}$	1	$\frac{1}{4}, \frac{5}{12}$	1	$\frac{1}{12}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{5}{12}$
1	$\frac{1}{12}, \frac{1}{4}$	-1	$\frac{1}{3}, \frac{5}{12}$	$\frac{1}{2}$	$\frac{1}{12}, \frac{1}{3}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{5}{12}$
1	$0, \frac{1}{12}$	-1	$\frac{5}{12}, \frac{1}{2}$	1	$\frac{1}{12}, \frac{1}{3}$	1	$\frac{5}{12}, \frac{1}{2}$
$ D \equiv 11 \pmod{24}$							

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{1}{12}$	$\frac{1}{2}$	$\frac{1}{12}, \frac{5}{12}$	1	$0, \frac{1}{12}$	1	$\frac{1}{6}, \frac{5}{12}$
$\frac{1}{2}$	$0, \frac{1}{12}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{5}{12}$	-1	$\frac{1}{12}, \frac{1}{6}$	1	$\frac{1}{4}, \frac{5}{12}$
$-\frac{1}{2}$	$\frac{1}{12}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{5}{12}$	1	$0, \frac{1}{12}$	1	$\frac{1}{3}, \frac{5}{12}$
-1	$\frac{1}{12}, \frac{1}{4}$	1	$\frac{1}{3}, \frac{5}{12}$	-1	$0, \frac{1}{12}$	1	$\frac{5}{12}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{12}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{5}{12}, \frac{1}{2}$	1	$\frac{1}{12}, \frac{1}{4}$	1	$\frac{5}{12}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{12}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{5}{12}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{12}, \frac{5}{12}$	$\frac{1}{2}$	$\frac{5}{12}, \frac{1}{2}$
$ D \equiv 19 \pmod{24}$							
$\frac{1}{2}$	$0, \frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{12}, \frac{5}{12}$	$\frac{1}{5}$	$0, \frac{1}{12}$	$\frac{1}{5}$	$\frac{1}{6}, \frac{5}{12}$
$-\frac{1}{6}$	$\frac{1}{12}, \frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}, \frac{5}{12}$	$\frac{1}{4}$	$0, \frac{1}{12}$	$\frac{1}{4}$	$\frac{1}{4}, \frac{5}{12}$
$-\frac{1}{5}$	$\frac{1}{12}, \frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{4}, \frac{5}{12}$	$-\frac{1}{4}$	$\frac{1}{12}, \frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}, \frac{5}{12}$
$\frac{1}{2}$	$0, \frac{1}{12}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{5}{12}$	$-\frac{1}{3}$	$\frac{1}{12}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}, \frac{5}{12}$
$-\frac{1}{2}$	$\frac{1}{12}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{5}{12}$	1	$0, \frac{1}{12}$	-1	$\frac{5}{12}, \frac{1}{2}$
-1	$\frac{1}{12}, \frac{1}{4}$	-1	$\frac{5}{12}, \frac{1}{2}$	1	$\frac{1}{12}, \frac{1}{3}$	1	$\frac{5}{12}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{12}, \frac{5}{12}$	1	$\frac{5}{12}, \frac{1}{2}$				
$ D \equiv 23 \pmod{24}$							
1	$0, \frac{1}{12}$	$\frac{1}{2}$	$\frac{1}{12}, \frac{5}{12}$	1	$0, \frac{1}{12}$	1	$\frac{1}{6}, \frac{5}{12}$
1	$0, \frac{1}{12}$	1	$\frac{1}{4}, \frac{5}{12}$	1	$0, \frac{1}{12}$	1	$\frac{1}{3}, \frac{5}{12}$
1	$0, \frac{1}{12}$	-1	$\frac{5}{12}, \frac{1}{2}$				
$ D \equiv 3 \pmod{56}$							
$\frac{1}{3}$	$0, \frac{1}{7}$	$\frac{1}{3}$	$\frac{3}{14}, \frac{1}{2}$	$\frac{1}{3}$	$0, \frac{1}{14}$	$\frac{1}{3}$	$\frac{2}{7}, \frac{1}{2}$
$\frac{1}{3}$	$0, \frac{5}{14}$	$\frac{1}{3}$	$\frac{3}{7}, \frac{1}{2}$				
$ D \equiv 11 \pmod{56}$							
$\frac{1}{2}$	$\frac{1}{14}, \frac{1}{7}$	$\frac{1}{2}$	$\frac{3}{14}, \frac{2}{7}$	$\frac{1}{4}$	$0, \frac{1}{7}$	$\frac{1}{4}$	$\frac{3}{14}, \frac{1}{2}$
$\frac{1}{2}$	$0, \frac{1}{14}$	$\frac{1}{2}$	$\frac{2}{7}, \frac{1}{2}$	$\frac{1}{2}$	$0, \frac{5}{14}$	$\frac{1}{2}$	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 15 \pmod{56}$							
2	$\frac{1}{14}, \frac{1}{7}$	-1	$\frac{1}{7}, \frac{3}{14}$	1	$0, \frac{1}{7}$	1	$\frac{2}{7}, \frac{5}{14}$
1	$\frac{1}{14}, \frac{2}{7}$	-2	$\frac{2}{7}, \frac{5}{14}$	1	$0, \frac{1}{14}$	1	$\frac{1}{7}, \frac{3}{7}$
1	$0, \frac{3}{14}$	-1	$\frac{2}{7}, \frac{3}{7}$	$\frac{2}{3}$	$0, \frac{2}{7}$	$\frac{1}{3}$	$\frac{5}{14}, \frac{3}{7}$
2	$\frac{3}{14}, \frac{5}{14}$	3	$\frac{5}{14}, \frac{3}{7}$	-1	$\frac{1}{14}, \frac{3}{14}$	-3	$\frac{3}{7}, \frac{1}{2}$
-1	$\frac{1}{7}, \frac{3}{14}$	-2	$\frac{3}{7}, \frac{1}{2}$				

Table 1: $e = 1$ (continued)

\mathcal{C}_1	$\mathcal{Q}_1, \mathcal{Q}_2$	\mathcal{C}_2	$\mathcal{Q}_3, \mathcal{Q}_4$	\mathcal{C}_1	$\mathcal{Q}_1, \mathcal{Q}_2$	\mathcal{C}_2	$\mathcal{Q}_3, \mathcal{Q}_4$
1	$0, \frac{3}{14}$	-1	$\frac{2}{7}, \frac{3}{7}$	1	$0, \frac{2}{7}$	$\frac{1}{2}$	$\frac{5}{14}, \frac{3}{7}$
$ D \equiv 7 \pmod{60}$							
-1	$0, \frac{1}{15}$	1	$\frac{4}{15}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{2}{3}$	$\frac{4}{15}, \frac{1}{3}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{2}{5}$	1	$0, \frac{1}{5}$	1	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{2}{5}$	2	$0, \frac{2}{15}$	1	$\frac{2}{15}, \frac{7}{15}$
-1	$0, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$	$\frac{1}{3}$	$\frac{2}{15}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{1}{3}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{2}{15}, \frac{1}{5}$	$-\frac{1}{2}$	$\frac{2}{5}, \frac{7}{15}$				
$ D \equiv 11 \pmod{60}$							
1	$0, \frac{1}{5}$	1	$\frac{1}{3}, \frac{2}{5}$				
$ D \equiv 19 \pmod{60}$							
1	$0, \frac{1}{15}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{4}{15}$	1	$\frac{4}{15}, \frac{1}{3}$
$\frac{1}{2}$	$\frac{1}{5}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{2}{5}$	1	$0, \frac{2}{15}$	$\frac{1}{2}$	$\frac{2}{15}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{2}{15}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{7}{15}$				
$ D \equiv 23 \pmod{60}$							
1	$\frac{1}{15}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{4}{15}$	$\frac{1}{2}$	$0, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{5}, \frac{1}{3}$	1	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{2}{15}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{7}{15}$
$ D \equiv 31 \pmod{60}$							
1	$0, \frac{1}{15}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{4}{15}$	1	$\frac{4}{15}, \frac{1}{3}$
$\frac{1}{2}$	$\frac{1}{5}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{2}{5}$	1	$0, \frac{2}{15}$	$\frac{1}{2}$	$\frac{2}{15}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{2}{15}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{7}{15}$				
$ D \equiv 43 \pmod{60}$							
2	$0, \frac{1}{15}$	1	$\frac{1}{15}, \frac{4}{15}$	-1	$0, \frac{1}{15}$	1	$\frac{4}{15}, \frac{1}{3}$
$\frac{1}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{2}{3}$	$\frac{4}{15}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{2}{5}$
1	$0, \frac{1}{5}$	1	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{2}{5}$
2	$0, \frac{2}{15}$	1	$\frac{2}{15}, \frac{7}{15}$	-1	$0, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$
$\frac{1}{3}$	$\frac{2}{15}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{1}{3}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{2}{15}, \frac{1}{5}$	$-\frac{1}{2}$	$\frac{2}{5}, \frac{7}{15}$
$ D \equiv 47 \pmod{60}$							
1	$\frac{1}{15}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{4}{15}$	$\frac{1}{2}$	$0, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{5}, \frac{1}{3}$	1	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{2}{15}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{7}{15}$
$ D \equiv 59 \pmod{60}$							
$ D \equiv 61 \pmod{60}$							

Table 1: $e = 1$ (continued)

C_1	Q_1, Q_2	C_2	Q_3, Q_4	C_1	Q_1, Q_2	C_2	Q_3, Q_4
$\frac{-1}{3}$	$0, \frac{3}{16}$	$\frac{1}{3}$	$\frac{5}{16}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{16}, \frac{3}{8}$	$\frac{1}{3}$	$\frac{7}{16}, \frac{1}{2}$
$ D \equiv 3 \pmod{8}$							
1	$0, \frac{3}{16}$	-1	$\frac{5}{16}, \frac{3}{8}$	1	$0, \frac{1}{16}$	1	$\frac{1}{8}, \frac{7}{16}$
$ D \equiv 7 \pmod{24}$							
-2	$\frac{1}{18}, \frac{1}{9}$	1	$\frac{1}{9}, \frac{5}{18}$	1	$0, \frac{1}{9}$	1	$\frac{2}{9}, \frac{7}{18}$
-1	$\frac{1}{18}, \frac{2}{9}$	2	$\frac{2}{9}, \frac{7}{18}$	$\frac{3}{2}$	$0, \frac{2}{9}$	$\frac{-1}{2}$	$\frac{5}{18}, \frac{7}{18}$
1	$\frac{1}{9}, \frac{2}{9}$	-1	$\frac{1}{3}, \frac{7}{18}$	1	$0, \frac{1}{18}$	1	$\frac{1}{9}, \frac{4}{9}$
1	$0, \frac{2}{9}$	-1	$\frac{5}{18}, \frac{4}{9}$	1	$\frac{1}{18}, \frac{1}{9}$	-1	$\frac{1}{3}, \frac{4}{9}$
$\frac{1}{4}$	$\frac{1}{18}, \frac{5}{18}$	$\frac{-3}{4}$	$\frac{1}{3}, \frac{4}{9}$	$\frac{1}{3}$	$\frac{1}{9}, \frac{5}{18}$	$\frac{-2}{3}$	$\frac{1}{3}, \frac{4}{9}$
2	$0, \frac{2}{9}$	1	$\frac{7}{18}, \frac{4}{9}$	-2	$\frac{1}{6}, \frac{2}{9}$	-1	$\frac{7}{18}, \frac{4}{9}$
$\frac{2}{3}$	$\frac{2}{9}, \frac{1}{3}$	$\frac{-1}{3}$	$\frac{7}{18}, \frac{4}{9}$	-2	$\frac{5}{18}, \frac{7}{18}$	-3	$\frac{7}{18}, \frac{4}{9}$
1	$\frac{1}{18}, \frac{5}{18}$	3	$\frac{4}{9}, \frac{1}{2}$	1	$\frac{1}{9}, \frac{5}{18}$	2	$\frac{4}{9}, \frac{1}{2}$
$ D \equiv 11 \pmod{24}$							
1	$0, \frac{1}{18}$	-1	$\frac{1}{6}, \frac{2}{9}$	1	$0, \frac{1}{9}$	-1	$\frac{1}{6}, \frac{5}{18}$
1	$0, \frac{1}{18}$	1	$\frac{2}{9}, \frac{1}{3}$	1	$0, \frac{1}{9}$	1	$\frac{5}{18}, \frac{1}{3}$
$\frac{1}{3}$	$0, \frac{1}{18}$	$\frac{1}{3}$	$\frac{2}{9}, \frac{1}{2}$	$\frac{-1}{2}$	$\frac{1}{18}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{2}{9}, \frac{1}{2}$
$\frac{1}{3}$	$0, \frac{1}{9}$	$\frac{1}{3}$	$\frac{5}{18}, \frac{1}{2}$	$\frac{-1}{2}$	$\frac{1}{9}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{5}{18}, \frac{1}{2}$
$\frac{1}{3}$	$0, \frac{7}{18}$	$\frac{1}{3}$	$\frac{4}{9}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{18}$	$\frac{1}{2}$	$\frac{4}{9}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{3}, \frac{7}{18}$	$\frac{1}{2}$	$\frac{4}{9}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{18}$	$\frac{1}{2}$	$\frac{4}{9}, \frac{1}{2}$
$ D \equiv 19 \pmod{24}$							
$\frac{-1}{2}$	$0, \frac{1}{9}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{5}{18}$	$\frac{-1}{2}$	$\frac{1}{18}, \frac{1}{9}$	$\frac{1}{2}$	$\frac{2}{9}, \frac{5}{18}$
$\frac{1}{3}$	$0, \frac{1}{18}$	$\frac{1}{3}$	$\frac{2}{9}, \frac{1}{3}$	$\frac{-1}{4}$	$\frac{1}{18}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{2}{9}, \frac{1}{3}$
1	$0, \frac{1}{9}$	1	$\frac{5}{18}, \frac{1}{3}$	$\frac{-1}{2}$	$\frac{1}{9}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{5}{18}, \frac{1}{3}$
$\frac{1}{4}$	$0, \frac{1}{18}$	$\frac{1}{4}$	$\frac{2}{9}, \frac{1}{2}$	$\frac{-1}{5}$	$\frac{1}{18}, \frac{1}{6}$	$\frac{1}{5}$	$\frac{2}{9}, \frac{1}{2}$
$\frac{1}{2}$	$0, \frac{1}{9}$	$\frac{1}{2}$	$\frac{5}{18}, \frac{1}{2}$	$\frac{-1}{3}$	$\frac{1}{9}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{5}{18}, \frac{1}{2}$
$\frac{1}{4}$	$0, \frac{7}{18}$	$\frac{1}{4}$	$\frac{4}{9}, \frac{1}{2}$	$\frac{1}{5}$	$\frac{1}{6}, \frac{7}{18}$	$\frac{1}{5}$	$\frac{4}{9}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{3}, \frac{7}{18}$	$\frac{1}{2}$	$\frac{4}{9}, \frac{1}{2}$	$\frac{1}{5}$	$\frac{1}{6}, \frac{7}{18}$	$\frac{1}{5}$	$\frac{4}{9}, \frac{1}{2}$
$ D \equiv 23 \pmod{24}$							
1	$0, \frac{1}{9}$	1	$\frac{2}{9}, \frac{7}{18}$	1	$0, \frac{2}{9}$	$\frac{-1}{3}$	$\frac{5}{18}, \frac{7}{18}$
1	$0, \frac{1}{18}$	1	$\frac{1}{9}, \frac{4}{9}$	1	$0, \frac{2}{9}$	-1	$\frac{5}{18}, \frac{4}{9}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{2}{9}$	$\frac{1}{2}$	$\frac{7}{18}, \frac{4}{9}$				
$ D \equiv 3 \pmod{40}$							
$\frac{2}{3}$	$0, \frac{3}{20}$	$\frac{1}{3}$	$\frac{3}{20}, \frac{7}{20}$	$\frac{2}{3}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{1}{3}$	$\frac{3}{20}, \frac{7}{20}$
$\frac{1}{3}$	$0, \frac{3}{20}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{7}{20}$	$\frac{1}{3}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{7}{20}$
$-\frac{1}{3}$	$\frac{3}{20}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{7}{20}$	$\frac{1}{3}$	$0, \frac{3}{20}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{7}{20}$
$\frac{1}{3}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{7}{20}$	$-\frac{1}{3}$	$\frac{3}{20}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{7}{20}$
$-\frac{1}{3}$	$\frac{3}{20}, \frac{3}{10}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{7}{20}$	$\frac{1}{3}$	$0, \frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{2}{5}$
$\frac{1}{3}$	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{2}{5}$	$-\frac{1}{3}$	$\frac{1}{5}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{2}{5}$
$-\frac{1}{3}$	$\frac{1}{5}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{2}{5}$	$\frac{2}{3}$	$0, \frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{20}, \frac{9}{20}$
$\frac{1}{3}$	$0, \frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{10}, \frac{9}{20}$	$-\frac{1}{3}$	$\frac{1}{20}, \frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{10}, \frac{9}{20}$
$\frac{1}{3}$	$0, \frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{9}{20}$	$-\frac{1}{3}$	$\frac{1}{20}, \frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{9}{20}$
$-\frac{1}{3}$	$\frac{1}{20}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{9}{20}$	$\frac{1}{3}$	$0, \frac{1}{20}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{9}{20}$
$-\frac{1}{3}$	$\frac{1}{20}, \frac{1}{10}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{9}{20}$	$-\frac{1}{3}$	$\frac{1}{20}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{9}{20}$
$-\frac{1}{3}$	$\frac{1}{20}, \frac{1}{10}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{9}{20}$	$\frac{1}{3}$	$\frac{3}{20}, \frac{7}{20}$	$\frac{2}{3}$	$\frac{7}{20}, \frac{1}{2}$
$\frac{1}{3}$	$\frac{1}{20}, \frac{9}{20}$	$\frac{2}{3}$	$\frac{9}{20}, \frac{1}{2}$				
$ D \equiv 7 \pmod{40}$							
1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{1}{4}$	1	$0, \frac{1}{10}$	1	$\frac{1}{4}, \frac{3}{10}$
$\frac{2}{3}$	$0, \frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{3}{10}$	2	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{4}, \frac{3}{10}$
-2	$\frac{1}{5}, \frac{1}{4}$	1	$\frac{1}{4}, \frac{3}{10}$	1	$0, \frac{3}{20}$	1	$\frac{3}{10}, \frac{7}{20}$
$\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{4}, \frac{2}{5}$	$\frac{1}{2}$	$0, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{1}{4}$	2	$\frac{1}{4}, \frac{2}{5}$	-1	$\frac{1}{5}, \frac{1}{4}$	1	$\frac{1}{4}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{2}{5}$	1	$\frac{1}{4}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{2}{5}$
1	$\frac{3}{20}, \frac{7}{20}$	2	$\frac{7}{20}, \frac{2}{5}$	1	$0, \frac{1}{20}$	1	$\frac{1}{10}, \frac{9}{20}$
1	$\frac{1}{20}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{9}{20}$	-2	$\frac{1}{5}, \frac{1}{4}$	-1	$\frac{3}{10}, \frac{1}{2}$
-1	$\frac{1}{10}, \frac{1}{4}$	-2	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{5}, \frac{1}{4}$	-1	$\frac{2}{5}, \frac{1}{2}$
-1	$\frac{1}{4}, \frac{3}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 11 \pmod{40}$							
1	$0, \frac{3}{20}$	$\frac{1}{2}$	$\frac{3}{20}, \frac{7}{20}$	$\frac{1}{2}$	$0, \frac{3}{20}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{7}{20}$
1	$\frac{1}{10}, \frac{3}{20}$	1	$\frac{1}{4}, \frac{7}{20}$	$-\frac{1}{2}$	$\frac{3}{20}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{7}{20}$
1	$0, \frac{3}{20}$	1	$\frac{3}{10}, \frac{7}{20}$	-1	$\frac{3}{20}, \frac{1}{4}$	1	$\frac{3}{10}, \frac{7}{20}$
$\frac{1}{2}$	$0, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{1}{4}, \frac{2}{5}$
$-\frac{1}{2}$	$\frac{1}{5}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{2}{5}$	-1	$\frac{1}{5}, \frac{1}{4}$	1	$\frac{3}{10}, \frac{2}{5}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{1}{20}$	$\frac{1}{2}$	$\frac{1}{20}, \frac{9}{20}$	1	$0, \frac{1}{20}$	1	$\frac{1}{10}, \frac{9}{20}$
$\frac{1}{2}$	$0, \frac{1}{20}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{9}{20}$	-1	$\frac{1}{20}, \frac{1}{10}$	1	$\frac{1}{4}, \frac{9}{20}$
$-\frac{1}{2}$	$\frac{1}{20}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{9}{20}$	1	$0, \frac{1}{20}$	1	$\frac{3}{10}, \frac{9}{20}$
-1	$\frac{1}{20}, \frac{1}{4}$	1	$\frac{3}{10}, \frac{9}{20}$	-1	$0, \frac{3}{20}$	1	$\frac{7}{20}, \frac{1}{2}$
$-\frac{1}{2}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{1}{2}$	$\frac{7}{20}, \frac{1}{2}$	1	$\frac{3}{20}, \frac{1}{4}$	1	$\frac{7}{20}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{3}{20}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{7}{20}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{3}{20}, \frac{7}{20}$	$\frac{1}{2}$	$\frac{7}{20}, \frac{1}{2}$
1	$\frac{1}{5}, \frac{1}{4}$	1	$\frac{2}{5}, \frac{1}{2}$	-1	$0, \frac{1}{20}$	1	$\frac{9}{20}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{20}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{9}{20}, \frac{1}{2}$	1	$\frac{1}{20}, \frac{1}{4}$	1	$\frac{9}{20}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{20}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{9}{20}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{20}, \frac{9}{20}$	$\frac{1}{2}$	$\frac{9}{20}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{20}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{9}{20}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{20}, \frac{9}{20}$	$\frac{1}{2}$	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 19 \pmod{40}$							
1	$0, \frac{3}{20}$	$\frac{1}{2}$	$\frac{3}{20}, \frac{7}{20}$	$\frac{1}{2}$	$0, \frac{3}{20}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{7}{20}$
1	$\frac{1}{10}, \frac{3}{20}$	1	$\frac{1}{4}, \frac{7}{20}$	$-\frac{1}{2}$	$\frac{3}{20}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{7}{20}$
1	$0, \frac{3}{20}$	1	$\frac{3}{10}, \frac{7}{20}$	-1	$\frac{3}{20}, \frac{1}{4}$	1	$\frac{3}{10}, \frac{7}{20}$
$\frac{1}{2}$	$0, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{1}{4}, \frac{2}{5}$
$-\frac{1}{2}$	$\frac{1}{5}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{2}{5}$	-1	$\frac{1}{5}, \frac{1}{4}$	1	$\frac{3}{10}, \frac{2}{5}$
1	$0, \frac{1}{20}$	$\frac{1}{2}$	$\frac{1}{20}, \frac{9}{20}$	1	$0, \frac{1}{20}$	1	$\frac{1}{10}, \frac{9}{20}$
$\frac{1}{2}$	$0, \frac{1}{20}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{9}{20}$	-1	$\frac{1}{20}, \frac{1}{10}$	1	$\frac{1}{4}, \frac{9}{20}$
$-\frac{1}{2}$	$\frac{1}{20}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{9}{20}$	1	$0, \frac{1}{20}$	1	$\frac{3}{10}, \frac{9}{20}$
-1	$\frac{1}{20}, \frac{1}{4}$	1	$\frac{3}{10}, \frac{9}{20}$	-1	$0, \frac{3}{20}$	1	$\frac{7}{20}, \frac{1}{2}$
$-\frac{1}{2}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{1}{2}$	$\frac{7}{20}, \frac{1}{2}$	1	$\frac{3}{20}, \frac{1}{4}$	1	$\frac{7}{20}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{3}{20}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{7}{20}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{3}{20}, \frac{7}{20}$	$\frac{1}{2}$	$\frac{7}{20}, \frac{1}{2}$
1	$\frac{1}{5}, \frac{1}{4}$	1	$\frac{2}{5}, \frac{1}{2}$	-1	$0, \frac{1}{20}$	1	$\frac{9}{20}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{20}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{9}{20}, \frac{1}{2}$	1	$\frac{1}{20}, \frac{1}{4}$	1	$\frac{9}{20}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{20}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{9}{20}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{20}, \frac{9}{20}$	$\frac{1}{2}$	$\frac{9}{20}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{20}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{9}{20}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{20}, \frac{9}{20}$	$\frac{1}{2}$	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 23 \pmod{40}$							
1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{1}{4}$	1	$0, \frac{1}{10}$	1	$\frac{1}{4}, \frac{3}{10}$
$\frac{2}{3}$	$0, \frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{3}{10}$	2	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{4}, \frac{3}{10}$
-2	$\frac{1}{5}, \frac{1}{4}$	1	$\frac{1}{4}, \frac{3}{10}$	1	$0, \frac{3}{20}$	1	$\frac{3}{10}, \frac{7}{20}$
$\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{4}, \frac{2}{5}$	$\frac{1}{2}$	$0, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{1}{4}$	2	$\frac{1}{4}, \frac{2}{5}$	-1	$\frac{1}{5}, \frac{1}{4}$	1	$\frac{1}{4}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{2}{5}$	1	$\frac{1}{4}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{2}{5}$
1	$\frac{3}{20}, \frac{7}{20}$	2	$\frac{7}{20}, \frac{2}{5}$	1	$0, \frac{1}{20}$	1	$\frac{1}{10}, \frac{9}{20}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$\frac{1}{20}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{9}{20}$	-2	$\frac{1}{5}, \frac{1}{4}$	-1	$\frac{3}{10}, \frac{1}{2}$
-1	$\frac{1}{10}, \frac{1}{4}$	-2	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{5}, \frac{1}{4}$	-1	$\frac{2}{5}, \frac{1}{2}$
-1	$\frac{1}{4}, \frac{3}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 27 \pmod{40}$							
$\frac{2}{3}$	0, $\frac{3}{20}$	$\frac{1}{3}$	$\frac{3}{20}, \frac{7}{20}$	$\frac{2}{3}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{1}{3}$	$\frac{3}{20}, \frac{7}{20}$
$\frac{1}{3}$	0, $\frac{3}{20}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{7}{20}$	$\frac{1}{3}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{7}{20}$
$\frac{-1}{3}$	$\frac{3}{20}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{7}{20}$	$\frac{1}{3}$	0, $\frac{3}{20}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{7}{20}$
$\frac{1}{3}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{7}{20}$	$\frac{-1}{3}$	$\frac{3}{20}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{7}{20}$
$\frac{-1}{3}$	$\frac{3}{20}, \frac{3}{10}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{7}{20}$	$\frac{1}{3}$	0, $\frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{2}{5}$
$\frac{1}{3}$	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{2}{5}$	$\frac{-1}{3}$	$\frac{1}{5}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{2}{5}$
$\frac{-1}{3}$	$\frac{1}{5}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{2}{5}$	$\frac{2}{3}$	0, $\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{20}, \frac{9}{20}$
$\frac{1}{3}$	0, $\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{10}, \frac{9}{20}$	$\frac{-1}{3}$	$\frac{1}{20}, \frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{10}, \frac{9}{20}$
$\frac{1}{3}$	0, $\frac{1}{20}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{9}{20}$	$\frac{-1}{3}$	$\frac{1}{20}, \frac{1}{10}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{9}{20}$
$\frac{-1}{3}$	$\frac{1}{20}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{9}{20}$	$\frac{1}{3}$	0, $\frac{1}{20}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{9}{20}$
$\frac{-1}{3}$	$\frac{1}{20}, \frac{1}{10}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{9}{20}$	$\frac{-1}{3}$	$\frac{1}{20}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{9}{20}$
$\frac{-1}{3}$	$\frac{1}{20}, \frac{3}{10}$	$\frac{1}{3}$	$\frac{3}{10}, \frac{9}{20}$	$\frac{1}{3}$	$\frac{3}{20}, \frac{7}{20}$	$\frac{2}{3}$	$\frac{7}{20}, \frac{1}{2}$
$\frac{1}{3}$	$\frac{1}{20}, \frac{9}{20}$	$\frac{2}{3}$	$\frac{9}{20}, \frac{1}{2}$				
$ D \equiv 31 \pmod{40}$							
1	0, $\frac{1}{10}$	2	$\frac{1}{5}, \frac{1}{4}$	1	0, $\frac{1}{10}$	1	$\frac{1}{4}, \frac{3}{10}$
1	0, $\frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{3}{10}$	1	0, $\frac{3}{20}$	1	$\frac{3}{10}, \frac{7}{20}$
1	0, $\frac{1}{10}$	2	$\frac{1}{4}, \frac{2}{5}$	1	0, $\frac{1}{5}$	1	$\frac{1}{4}, \frac{2}{5}$
1	0, $\frac{1}{20}$	1	$\frac{1}{10}, \frac{9}{20}$				
$ D \equiv 39 \pmod{40}$							
1	0, $\frac{1}{10}$	2	$\frac{1}{5}, \frac{1}{4}$	1	0, $\frac{1}{10}$	1	$\frac{1}{4}, \frac{3}{10}$
1	0, $\frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{3}{10}$	1	0, $\frac{3}{20}$	1	$\frac{3}{10}, \frac{7}{20}$
1	0, $\frac{1}{10}$	2	$\frac{1}{4}, \frac{2}{5}$	1	0, $\frac{1}{5}$	1	$\frac{1}{4}, \frac{2}{5}$
1	0, $\frac{1}{20}$	1	$\frac{1}{10}, \frac{9}{20}$				
$ D \equiv 19 \pmod{84}$							
1	0, $\frac{2}{21}$	1	$\frac{1}{7}, \frac{5}{21}$	1	$\frac{2}{21}, \frac{1}{7}$	1	$\frac{5}{21}, \frac{1}{3}$
1	0, $\frac{1}{21}$	-1	$\frac{8}{21}, \frac{3}{7}$	1	$\frac{1}{21}, \frac{1}{3}$	1	$\frac{8}{21}, \frac{3}{7}$
1	0, $\frac{4}{21}$	1	$\frac{2}{7}, \frac{10}{21}$	1	$\frac{4}{21}, \frac{2}{7}$	-1	$\frac{1}{3}, \frac{10}{21}$
$ D \equiv 31 \pmod{84}$							

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{2}{21}$	1	$\frac{1}{7}, \frac{5}{21}$	1	$\frac{2}{21}, \frac{1}{7}$	1	$\frac{5}{21}, \frac{1}{3}$
1	$0, \frac{1}{21}$	-1	$\frac{8}{21}, \frac{3}{7}$	1	$\frac{1}{21}, \frac{1}{3}$	1	$\frac{8}{21}, \frac{3}{7}$
1	$0, \frac{4}{21}$	1	$\frac{2}{7}, \frac{10}{21}$	1	$\frac{4}{21}, \frac{2}{7}$	-1	$\frac{1}{3}, \frac{10}{21}$
$ D \equiv 43 \pmod{84}$							
$\frac{1}{2}$	$\frac{2}{21}, \frac{1}{7}$	$\frac{1}{2}$	$\frac{5}{21}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{21}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{8}{21}, \frac{3}{7}$
$\frac{1}{2}$	$\frac{4}{21}, \frac{2}{7}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{10}{21}$				
$ D \equiv 55 \pmod{84}$							
1	$0, \frac{2}{21}$	1	$\frac{1}{7}, \frac{5}{21}$	1	$\frac{2}{21}, \frac{1}{7}$	1	$\frac{5}{21}, \frac{1}{3}$
1	$0, \frac{1}{21}$	-1	$\frac{8}{21}, \frac{3}{7}$	1	$\frac{1}{21}, \frac{1}{3}$	1	$\frac{8}{21}, \frac{3}{7}$
1	$0, \frac{4}{21}$	1	$\frac{2}{7}, \frac{10}{21}$	1	$\frac{4}{21}, \frac{2}{7}$	-1	$\frac{1}{3}, \frac{10}{21}$
$ D \equiv 67 \pmod{84}$							
$\frac{1}{2}$	$\frac{2}{21}, \frac{1}{7}$	$\frac{1}{2}$	$\frac{5}{21}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{21}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{8}{21}, \frac{3}{7}$
$\frac{1}{2}$	$\frac{4}{21}, \frac{2}{7}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{10}{21}$				
$ D \equiv 79 \pmod{84}$							
$\frac{1}{2}$	$\frac{2}{21}, \frac{1}{7}$	$\frac{1}{2}$	$\frac{5}{21}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{21}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{8}{21}, \frac{3}{7}$
$\frac{1}{2}$	$\frac{4}{21}, \frac{2}{7}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{10}{21}$				
$ D \equiv 3 \pmod{88}$							
$\frac{-1}{3}$	$\frac{1}{11}, \frac{5}{22}$	$\frac{1}{3}$	$\frac{7}{22}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{22}, \frac{3}{11}$	$\frac{1}{3}$	$\frac{7}{22}, \frac{1}{2}$
$\frac{1}{3}$	$\frac{5}{22}, \frac{4}{11}$	$\frac{1}{3}$	$\frac{9}{22}, \frac{1}{2}$				
$ D \equiv 7 \pmod{88}$							
1	$0, \frac{2}{11}$	-1	$\frac{7}{22}, \frac{4}{11}$	1	$0, \frac{1}{11}$	1	$\frac{2}{11}, \frac{9}{22}$
1	$0, \frac{1}{22}$	1	$\frac{1}{11}, \frac{5}{11}$	1	$0, \frac{5}{22}$	-1	$\frac{3}{11}, \frac{5}{11}$
$ D \equiv 15 \pmod{88}$							
1	$0, \frac{3}{22}$	1	$\frac{3}{11}, \frac{4}{11}$	1	$0, \frac{2}{11}$	-1	$\frac{7}{22}, \frac{4}{11}$
1	$0, \frac{1}{11}$	1	$\frac{2}{11}, \frac{9}{22}$	1	$0, \frac{1}{22}$	1	$\frac{1}{11}, \frac{5}{11}$
1	$0, \frac{5}{22}$	-1	$\frac{3}{11}, \frac{5}{11}$				
$ D \equiv 19 \pmod{88}$							
1	$0, \frac{1}{22}$	-1	$\frac{3}{22}, \frac{2}{11}$	1	$0, \frac{1}{22}$	1	$\frac{3}{11}, \frac{7}{22}$
1	$0, \frac{5}{22}$	1	$\frac{4}{11}, \frac{9}{22}$	1	$0, \frac{3}{22}$	-1	$\frac{9}{22}, \frac{5}{11}$
$\frac{-1}{2}$	$\frac{1}{11}, \frac{5}{22}$	$\frac{1}{2}$	$\frac{7}{22}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{22}, \frac{3}{11}$	$\frac{1}{2}$	$\frac{7}{22}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{5}{22}, \frac{4}{11}$	$\frac{1}{2}$	$\frac{9}{22}, \frac{1}{2}$				

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 23 \pmod{88}$							
1	$0, \frac{3}{22}$	1	$\frac{3}{11}, \frac{4}{11}$	1	$0, \frac{2}{11}$	-1	$\frac{7}{22}, \frac{4}{11}$
1	$0, \frac{1}{11}$	1	$\frac{2}{11}, \frac{9}{22}$	1	$0, \frac{1}{22}$	1	$\frac{1}{11}, \frac{5}{11}$
1	$0, \frac{5}{22}$	-1	$\frac{3}{11}, \frac{5}{11}$				
$ D \equiv 27 \pmod{88}$							
$-\frac{1}{3}$	$\frac{1}{11}, \frac{5}{22}$	$\frac{1}{3}$	$\frac{7}{22}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{22}, \frac{3}{11}$	$\frac{1}{3}$	$\frac{7}{22}, \frac{1}{2}$
$\frac{1}{3}$	$\frac{5}{22}, \frac{4}{11}$	$\frac{1}{3}$	$\frac{9}{22}, \frac{1}{2}$				
$ D \equiv 31 \pmod{88}$							
1	$0, \frac{3}{22}$	1	$\frac{3}{11}, \frac{4}{11}$	1	$0, \frac{2}{11}$	-1	$\frac{7}{22}, \frac{4}{11}$
1	$0, \frac{1}{11}$	1	$\frac{2}{11}, \frac{9}{22}$	1	$0, \frac{1}{22}$	1	$\frac{1}{11}, \frac{5}{11}$
1	$0, \frac{5}{22}$	-1	$\frac{3}{11}, \frac{5}{11}$				
$ D \equiv 35 \pmod{88}$							
1	$0, \frac{1}{22}$	-1	$\frac{3}{22}, \frac{2}{11}$	1	$0, \frac{1}{22}$	1	$\frac{3}{11}, \frac{7}{22}$
1	$0, \frac{5}{22}$	1	$\frac{4}{11}, \frac{9}{22}$	1	$0, \frac{3}{22}$	-1	$\frac{9}{22}, \frac{5}{11}$
$-\frac{1}{2}$	$\frac{1}{11}, \frac{5}{22}$	$\frac{1}{2}$	$\frac{7}{22}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{22}, \frac{3}{11}$	$\frac{1}{2}$	$\frac{7}{22}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{5}{22}, \frac{4}{11}$	$\frac{1}{2}$	$\frac{9}{22}, \frac{1}{2}$				
$ D \equiv 39 \pmod{88}$							
1	$0, \frac{3}{22}$	1	$\frac{3}{11}, \frac{4}{11}$	1	$0, \frac{2}{11}$	-1	$\frac{7}{22}, \frac{4}{11}$
1	$0, \frac{1}{11}$	1	$\frac{2}{11}, \frac{9}{22}$	1	$0, \frac{1}{22}$	1	$\frac{1}{11}, \frac{5}{11}$
1	$0, \frac{5}{22}$	-1	$\frac{3}{11}, \frac{5}{11}$				
$ D \equiv 43 \pmod{88}$							
1	$0, \frac{1}{22}$	-1	$\frac{3}{22}, \frac{2}{11}$	1	$0, \frac{1}{22}$	1	$\frac{3}{11}, \frac{7}{22}$
1	$0, \frac{5}{22}$	1	$\frac{4}{11}, \frac{9}{22}$	1	$0, \frac{3}{22}$	-1	$\frac{9}{22}, \frac{5}{11}$
$-\frac{1}{2}$	$\frac{1}{11}, \frac{5}{22}$	$\frac{1}{2}$	$\frac{7}{22}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{22}, \frac{3}{11}$	$\frac{1}{2}$	$\frac{7}{22}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{5}{22}, \frac{4}{11}$	$\frac{1}{2}$	$\frac{9}{22}, \frac{1}{2}$				
$ D \equiv 47 \pmod{88}$							
1	$0, \frac{3}{22}$	1	$\frac{3}{11}, \frac{4}{11}$	1	$0, \frac{2}{11}$	-1	$\frac{7}{22}, \frac{4}{11}$
1	$0, \frac{1}{11}$	1	$\frac{2}{11}, \frac{9}{22}$	1	$0, \frac{1}{22}$	1	$\frac{1}{11}, \frac{5}{11}$
1	$0, \frac{5}{22}$	-1	$\frac{3}{11}, \frac{5}{11}$				
$ D \equiv 51 \pmod{88}$							
1	$0, \frac{1}{22}$	-1	$\frac{3}{22}, \frac{2}{11}$	1	$0, \frac{1}{22}$	1	$\frac{3}{11}, \frac{7}{22}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{5}{22}$	1	$\frac{4}{11}, \frac{9}{22}$	$\frac{-1}{2}$	$\frac{1}{11}, \frac{5}{22}$	$\frac{1}{2}$	$\frac{7}{22}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{22}, \frac{3}{11}$	$\frac{1}{2}$	$\frac{7}{22}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{22}, \frac{4}{11}$	$\frac{1}{2}$	$\frac{9}{22}, \frac{1}{2}$
$ D \equiv 59 \pmod{88}$							
$\frac{-1}{3}$	$\frac{1}{11}, \frac{5}{22}$	$\frac{1}{3}$	$\frac{7}{22}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{22}, \frac{3}{11}$	$\frac{1}{3}$	$\frac{7}{22}, \frac{1}{2}$
$\frac{1}{3}$	$\frac{5}{22}, \frac{4}{11}$	$\frac{1}{3}$	$\frac{9}{22}, \frac{1}{2}$				
$ D \equiv 63 \pmod{88}$							
1	$0, \frac{3}{22}$	1	$\frac{3}{11}, \frac{4}{11}$	1	$0, \frac{2}{11}$	-1	$\frac{7}{22}, \frac{4}{11}$
1	$0, \frac{1}{11}$	1	$\frac{2}{11}, \frac{9}{22}$	1	$0, \frac{1}{22}$	1	$\frac{1}{11}, \frac{5}{11}$
1	$0, \frac{5}{22}$	-1	$\frac{3}{11}, \frac{5}{11}$				
$ D \equiv 67 \pmod{88}$							
$\frac{-1}{3}$	$\frac{1}{11}, \frac{5}{22}$	$\frac{1}{3}$	$\frac{7}{22}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{22}, \frac{3}{11}$	$\frac{1}{3}$	$\frac{7}{22}, \frac{1}{2}$
$\frac{1}{3}$	$\frac{5}{22}, \frac{4}{11}$	$\frac{1}{3}$	$\frac{9}{22}, \frac{1}{2}$				
$ D \equiv 71 \pmod{88}$							
1	$0, \frac{3}{22}$	1	$\frac{3}{11}, \frac{4}{11}$	1	$0, \frac{2}{11}$	-1	$\frac{7}{22}, \frac{4}{11}$
1	$0, \frac{1}{11}$	1	$\frac{2}{11}, \frac{9}{22}$	1	$0, \frac{1}{22}$	1	$\frac{1}{11}, \frac{5}{11}$
1	$0, \frac{5}{22}$	-1	$\frac{3}{11}, \frac{5}{11}$				
$ D \equiv 75 \pmod{88}$							
$\frac{-1}{3}$	$\frac{1}{11}, \frac{5}{22}$	$\frac{1}{3}$	$\frac{7}{22}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{22}, \frac{3}{11}$	$\frac{1}{3}$	$\frac{7}{22}, \frac{1}{2}$
$\frac{1}{3}$	$\frac{5}{22}, \frac{4}{11}$	$\frac{1}{3}$	$\frac{9}{22}, \frac{1}{2}$				
$ D \equiv 79 \pmod{88}$							
1	$0, \frac{3}{22}$	1	$\frac{3}{11}, \frac{4}{11}$	1	$0, \frac{2}{11}$	-1	$\frac{7}{22}, \frac{4}{11}$
1	$0, \frac{1}{11}$	1	$\frac{2}{11}, \frac{9}{22}$	1	$0, \frac{1}{22}$	1	$\frac{1}{11}, \frac{5}{11}$
1	$0, \frac{5}{22}$	-1	$\frac{3}{11}, \frac{5}{11}$				
$ D \equiv 83 \pmod{88}$							
1	$0, \frac{1}{22}$	-1	$\frac{3}{22}, \frac{2}{11}$	1	$0, \frac{1}{22}$	1	$\frac{3}{11}, \frac{7}{22}$
1	$0, \frac{5}{22}$	1	$\frac{4}{11}, \frac{9}{22}$	$\frac{-1}{2}$	$\frac{1}{11}, \frac{5}{22}$	$\frac{1}{2}$	$\frac{7}{22}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{22}, \frac{3}{11}$	$\frac{1}{2}$	$\frac{7}{22}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{22}, \frac{4}{11}$	$\frac{1}{2}$	$\frac{9}{22}, \frac{1}{2}$
$ D \equiv 87 \pmod{88}$							
1	$0, \frac{3}{22}$	1	$\frac{3}{11}, \frac{4}{11}$	1	$0, \frac{2}{11}$	-1	$\frac{7}{22}, \frac{4}{11}$
1	$0, \frac{1}{11}$	1	$\frac{2}{11}, \frac{9}{22}$	1	$0, \frac{1}{22}$	1	$\frac{1}{11}, \frac{5}{11}$
1	$0, \frac{5}{22}$	-1	$\frac{3}{11}, \frac{5}{11}$				

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 7 \pmod{24}$							
1	$0, \frac{1}{24}$	$\frac{1}{2}$	$\frac{1}{24}, \frac{7}{24}$	1	$0, \frac{1}{24}$	1	$\frac{1}{6}, \frac{7}{24}$
1	$0, \frac{1}{24}$	1	$\frac{1}{4}, \frac{7}{24}$	-1	$\frac{1}{24}, \frac{1}{12}$	1	$\frac{5}{24}, \frac{1}{3}$
1	$\frac{1}{24}, \frac{1}{6}$	1	$\frac{7}{24}, \frac{1}{3}$	1	$\frac{1}{24}, \frac{1}{4}$	1	$\frac{7}{24}, \frac{1}{3}$
$\frac{1}{2}$	$\frac{1}{24}, \frac{7}{24}$	1	$\frac{7}{24}, \frac{1}{3}$	1	$0, \frac{1}{8}$	1	$\frac{1}{6}, \frac{3}{8}$
1	$\frac{1}{8}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{3}{8}$	1	$\frac{1}{8}, \frac{1}{4}$	-1	$\frac{1}{3}, \frac{3}{8}$
$\frac{1}{2}$	$\frac{1}{8}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{3}{8}$	1	$0, \frac{1}{24}$	1	$\frac{5}{24}, \frac{5}{12}$
1	$0, \frac{5}{24}$	-1	$\frac{7}{24}, \frac{5}{12}$	1	$\frac{1}{24}, \frac{5}{24}$	-1	$\frac{1}{3}, \frac{5}{12}$
1	$0, \frac{1}{24}$	1	$\frac{1}{12}, \frac{11}{24}$	1	$0, \frac{5}{24}$	$\frac{1}{2}$	$\frac{5}{24}, \frac{11}{24}$
1	$0, \frac{5}{24}$	1	$\frac{1}{4}, \frac{11}{24}$	1	$0, \frac{1}{12}$	-1	$\frac{7}{24}, \frac{11}{24}$
1	$\frac{1}{24}, \frac{1}{12}$	-1	$\frac{1}{3}, \frac{11}{24}$	-1	$\frac{1}{6}, \frac{5}{24}$	-1	$\frac{1}{3}, \frac{11}{24}$
1	$\frac{5}{24}, \frac{1}{4}$	-1	$\frac{1}{3}, \frac{11}{24}$	$\frac{1}{2}$	$\frac{5}{24}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{11}{24}$
1	$0, \frac{1}{24}$	-1	$\frac{7}{24}, \frac{1}{2}$	1	$\frac{1}{8}, \frac{1}{3}$	1	$\frac{3}{8}, \frac{1}{2}$
1	$0, \frac{5}{24}$	-1	$\frac{11}{24}, \frac{1}{2}$	1	$\frac{5}{24}, \frac{1}{3}$	1	$\frac{11}{24}, \frac{1}{2}$
$ D \equiv 11 \pmod{24}$							
1	$\frac{1}{24}, \frac{1}{8}$	-1	$\frac{1}{8}, \frac{7}{24}$	1	$\frac{1}{12}, \frac{5}{24}$	1	$\frac{1}{4}, \frac{7}{24}$
$\frac{1}{2}$	$0, \frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{3}{8}$	-1	$\frac{1}{8}, \frac{1}{6}$	1	$\frac{1}{6}, \frac{3}{8}$
$-\frac{1}{2}$	$\frac{1}{8}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{3}{8}$	$\frac{1}{2}$	$0, \frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{3}{8}$
-1	$\frac{1}{8}, \frac{1}{6}$	1	$\frac{1}{3}, \frac{3}{8}$	$-\frac{1}{2}$	$\frac{1}{8}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{3}{8}$
-1	$\frac{1}{8}, \frac{1}{3}$	1	$\frac{1}{3}, \frac{3}{8}$	1	$\frac{1}{12}, \frac{1}{8}$	-1	$\frac{3}{8}, \frac{5}{12}$
1	$\frac{5}{24}, \frac{3}{8}$	-1	$\frac{3}{8}, \frac{11}{24}$	1	$0, \frac{1}{24}$	1	$\frac{5}{12}, \frac{11}{24}$
-1	$\frac{1}{24}, \frac{1}{4}$	1	$\frac{5}{12}, \frac{11}{24}$	$-\frac{1}{2}$	$\frac{1}{12}, \frac{5}{24}$	$\frac{1}{2}$	$\frac{7}{24}, \frac{1}{2}$
1	$\frac{1}{8}, \frac{1}{6}$	1	$\frac{3}{8}, \frac{1}{2}$	1	$\frac{1}{8}, \frac{1}{3}$	1	$\frac{3}{8}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{24}, \frac{5}{12}$	$\frac{1}{2}$	$\frac{11}{24}, \frac{1}{2}$				
$ D \equiv 19 \pmod{24}$							
$\frac{1}{2}$	$0, \frac{1}{24}$	$-\frac{1}{2}$	$\frac{1}{12}, \frac{5}{24}$	2	$0, \frac{1}{24}$	1	$\frac{1}{24}, \frac{7}{24}$
$\frac{1}{2}$	$0, \frac{1}{24}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{24}$	$-\frac{1}{3}$	$\frac{1}{24}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{7}{24}$
$-\frac{1}{2}$	$\frac{1}{24}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{7}{24}$	-1	$\frac{1}{12}, \frac{5}{24}$	-1	$\frac{1}{4}, \frac{7}{24}$
-1	$0, \frac{1}{24}$	1	$\frac{7}{24}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{1}{12}, \frac{5}{24}$	$\frac{1}{3}$	$\frac{7}{24}, \frac{1}{3}$
1	$\frac{1}{24}, \frac{1}{4}$	1	$\frac{7}{24}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{24}, \frac{7}{24}$	$\frac{2}{3}$	$\frac{7}{24}, \frac{1}{3}$
$\frac{1}{4}$	$0, \frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{6}, \frac{3}{8}$	$-\frac{1}{5}$	$\frac{1}{8}, \frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{6}, \frac{3}{8}$
$-\frac{1}{4}$	$\frac{1}{8}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{4}, \frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{24}, \frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{24}, \frac{3}{8}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{1}{8}$	1	$\frac{1}{3}, \frac{3}{8}$	$-\frac{1}{2}$	$\frac{1}{8}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{3}{8}$
-1	$\frac{1}{8}, \frac{1}{4}$	1	$\frac{1}{3}, \frac{3}{8}$	1	$\frac{1}{8}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{3}{8}$
$\frac{1}{2}$	$\frac{1}{24}, \frac{5}{24}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{5}{12}$	$\frac{1}{3}$	$\frac{1}{24}, \frac{1}{12}$	$\frac{1}{3}$	$\frac{7}{24}, \frac{5}{12}$
2	$0, \frac{5}{24}$	1	$\frac{5}{24}, \frac{11}{24}$	$\frac{2}{3}$	$\frac{1}{6}, \frac{5}{24}$	$\frac{1}{3}$	$\frac{5}{24}, \frac{11}{24}$
1	$0, \frac{5}{24}$	1	$\frac{1}{4}, \frac{11}{24}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{5}{24}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{11}{24}$
-1	$\frac{5}{24}, \frac{1}{4}$	1	$\frac{1}{4}, \frac{11}{24}$	$\frac{1}{2}$	$0, \frac{1}{12}$	$\frac{1}{2}$	$\frac{7}{24}, \frac{11}{24}$
$-\frac{1}{3}$	$\frac{1}{12}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{7}{24}, \frac{11}{24}$	$-\frac{1}{2}$	$\frac{1}{12}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{24}, \frac{11}{24}$
-1	$0, \frac{5}{24}$	-1	$\frac{1}{3}, \frac{11}{24}$	1	$\frac{5}{24}, \frac{1}{4}$	-1	$\frac{1}{3}, \frac{11}{24}$
$\frac{1}{3}$	$\frac{5}{24}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{1}{3}, \frac{11}{24}$	$-\frac{1}{2}$	$\frac{1}{8}, \frac{5}{24}$	$-\frac{1}{2}$	$\frac{8}{24}, \frac{11}{24}$
-1	$0, \frac{1}{24}$	-1	$\frac{5}{12}, \frac{11}{24}$	$-\frac{1}{3}$	$\frac{1}{12}, \frac{5}{24}$	$-\frac{1}{3}$	$\frac{5}{12}, \frac{11}{24}$
1	$\frac{1}{24}, \frac{1}{4}$	-1	$\frac{5}{12}, \frac{11}{24}$	$\frac{1}{2}$	$0, \frac{7}{24}$	$-\frac{1}{2}$	$\frac{5}{12}, \frac{11}{24}$
$\frac{1}{3}$	$\frac{1}{24}, \frac{7}{24}$	$-\frac{2}{3}$	$\frac{5}{12}, \frac{11}{24}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{7}{24}$	$-\frac{1}{3}$	$\frac{5}{12}, \frac{11}{24}$
$\frac{1}{2}$	$\frac{1}{4}, \frac{7}{24}$	$-\frac{1}{2}$	$\frac{5}{12}, \frac{11}{24}$	$\frac{1}{3}$	$\frac{1}{24}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{5}{12}, \frac{11}{24}$
$-\frac{1}{2}$	$0, \frac{1}{24}$	$\frac{1}{2}$	$\frac{7}{24}, \frac{1}{2}$	1	$\frac{1}{24}, \frac{1}{6}$	1	$\frac{7}{24}, \frac{1}{2}$
$-\frac{1}{4}$	$\frac{1}{12}, \frac{5}{24}$	$\frac{1}{4}$	$\frac{7}{24}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{24}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{24}, \frac{1}{2}$
$\frac{1}{5}$	$\frac{1}{24}, \frac{7}{24}$	$\frac{2}{5}$	$\frac{7}{24}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}, \frac{3}{24}$	$\frac{1}{2}$	$\frac{3}{8}, \frac{1}{2}$
-1	$\frac{1}{24}, \frac{5}{24}$	1	$\frac{5}{12}, \frac{1}{2}$	$-\frac{1}{2}$	$0, \frac{5}{24}$	$\frac{1}{2}$	$\frac{11}{24}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{5}{24}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{11}{24}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{5}{24}, \frac{1}{3}$	$\frac{1}{4}$	$\frac{11}{24}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{24}, \frac{5}{12}$	$\frac{1}{4}$	$\frac{11}{24}, \frac{1}{2}$	$\frac{1}{5}$	$\frac{5}{24}, \frac{11}{24}$	$\frac{2}{5}$	$\frac{11}{24}, \frac{1}{2}$
$ D \equiv 23 \pmod{24}$							
1	$0, \frac{1}{8}$	1	$\frac{1}{6}, \frac{3}{8}$	1	$0, \frac{1}{8}$	1	$\frac{1}{3}, \frac{3}{8}$
1	$0, \frac{5}{24}$	-1	$\frac{7}{24}, \frac{5}{12}$	1	$0, \frac{1}{24}$	1	$\frac{1}{12}, \frac{11}{24}$
$ D \equiv 7 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$
$ D \equiv 11 \pmod{104}$							
1	$\frac{1}{26}, \frac{3}{13}$	1	$\frac{9}{26}, \frac{5}{13}$	-1	$\frac{1}{13}, \frac{7}{26}$	1	$\frac{9}{26}, \frac{5}{13}$
-1	$\frac{1}{13}, \frac{3}{26}$	1	$\frac{9}{26}, \frac{6}{13}$				
$ D \equiv 15 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$
$ D \equiv 19 \pmod{104}$							
1	$\frac{1}{26}, \frac{2}{13}$	1	$\frac{5}{26}, \frac{3}{13}$	1	$\frac{1}{26}, \frac{3}{13}$	1	$\frac{9}{26}, \frac{5}{13}$
-1	$\frac{1}{13}, \frac{7}{26}$	1	$\frac{9}{26}, \frac{5}{13}$	1	$\frac{7}{26}, \frac{4}{13}$	-1	$\frac{5}{13}, \frac{11}{26}$
-1	$\frac{1}{13}, \frac{3}{26}$	1	$\frac{9}{26}, \frac{6}{13}$	1	$\frac{5}{26}, \frac{3}{13}$	1	$\frac{11}{26}, \frac{6}{13}$
1	$\frac{3}{26}, \frac{4}{13}$	1	$\frac{11}{26}, \frac{6}{13}$				
$ D \equiv 23 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$
$ D \equiv 31 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$
$ D \equiv 47 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$
$ D \equiv 55 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$
$ D \equiv 59 \pmod{104}$							
1	$\frac{1}{26}, \frac{2}{13}$	1	$\frac{5}{26}, \frac{3}{13}$	1	$\frac{1}{26}, \frac{3}{13}$	1	$\frac{9}{26}, \frac{5}{13}$
-1	$\frac{1}{13}, \frac{7}{26}$	1	$\frac{9}{26}, \frac{5}{13}$	1	$\frac{7}{26}, \frac{4}{13}$	-1	$\frac{5}{13}, \frac{11}{26}$
-1	$\frac{1}{13}, \frac{3}{26}$	1	$\frac{9}{26}, \frac{6}{13}$	1	$\frac{5}{26}, \frac{3}{13}$	1	$\frac{11}{26}, \frac{6}{13}$
1	$\frac{3}{26}, \frac{4}{13}$	1	$\frac{11}{26}, \frac{6}{13}$				
$ D \equiv 63 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 67 \pmod{104}$							
1	$\frac{1}{26}, \frac{2}{13}$	1	$\frac{5}{26}, \frac{3}{13}$	1	$\frac{1}{26}, \frac{3}{13}$	1	$\frac{9}{26}, \frac{5}{13}$
-1	$\frac{1}{13}, \frac{7}{26}$	1	$\frac{9}{26}, \frac{5}{13}$	1	$\frac{7}{26}, \frac{4}{13}$	-1	$\frac{5}{13}, \frac{11}{26}$
-1	$\frac{1}{13}, \frac{3}{26}$	1	$\frac{9}{26}, \frac{6}{13}$	1	$\frac{5}{26}, \frac{3}{13}$	1	$\frac{11}{26}, \frac{6}{13}$
1	$\frac{3}{26}, \frac{4}{13}$	1	$\frac{11}{26}, \frac{6}{13}$				
$ D \equiv 71 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$
$ D \equiv 79 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$
$ D \equiv 83 \pmod{104}$							
1	$\frac{1}{26}, \frac{2}{13}$	1	$\frac{5}{26}, \frac{3}{13}$	1	$\frac{1}{26}, \frac{3}{13}$	1	$\frac{9}{26}, \frac{5}{13}$
-1	$\frac{1}{13}, \frac{7}{26}$	1	$\frac{9}{26}, \frac{5}{13}$	1	$\frac{7}{26}, \frac{4}{13}$	-1	$\frac{5}{13}, \frac{11}{26}$
-1	$\frac{1}{13}, \frac{3}{26}$	1	$\frac{9}{26}, \frac{6}{13}$	1	$\frac{5}{26}, \frac{3}{13}$	1	$\frac{11}{26}, \frac{6}{13}$
1	$\frac{3}{26}, \frac{4}{13}$	1	$\frac{11}{26}, \frac{6}{13}$				
$ D \equiv 87 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$
$ D \equiv 95 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$
$ D \equiv 99 \pmod{104}$							
1	$\frac{1}{26}, \frac{2}{13}$	1	$\frac{5}{26}, \frac{3}{13}$	1	$\frac{1}{26}, \frac{3}{13}$	1	$\frac{9}{26}, \frac{5}{13}$
-1	$\frac{1}{13}, \frac{7}{26}$	1	$\frac{9}{26}, \frac{5}{13}$	1	$\frac{7}{26}, \frac{4}{13}$	-1	$\frac{5}{13}, \frac{11}{26}$
-1	$\frac{1}{13}, \frac{3}{26}$	1	$\frac{9}{26}, \frac{6}{13}$	1	$\frac{5}{26}, \frac{3}{13}$	1	$\frac{11}{26}, \frac{6}{13}$
1	$\frac{3}{26}, \frac{4}{13}$	1	$\frac{11}{26}, \frac{6}{13}$				

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 103 \pmod{104}$							
1	$0, \frac{2}{13}$	1	$\frac{4}{13}, \frac{9}{26}$	1	$0, \frac{3}{26}$	1	$\frac{3}{13}, \frac{5}{13}$
1	$0, \frac{5}{26}$	-1	$\frac{4}{13}, \frac{5}{13}$	1	$0, \frac{1}{13}$	1	$\frac{2}{13}, \frac{11}{26}$
1	$0, \frac{1}{26}$	1	$\frac{1}{13}, \frac{6}{13}$	1	$0, \frac{3}{13}$	-1	$\frac{7}{26}, \frac{6}{13}$
$ D \equiv 3 \pmod{56}$							
$-\frac{1}{3}$	$\frac{1}{14}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{2}{7}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{5}{14}$	$\frac{1}{3}$	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 11 \pmod{56}$							
1	$0, \frac{1}{7}$	1	$\frac{3}{14}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{14}, \frac{5}{28}$	$\frac{1}{2}$	$\frac{3}{14}, \frac{9}{28}$
$\frac{1}{2}$	$\frac{1}{14}, \frac{3}{28}$	$\frac{1}{2}$	$\frac{5}{14}, \frac{11}{28}$	-1	$\frac{3}{28}, \frac{2}{7}$	1	$\frac{5}{14}, \frac{11}{28}$
1	$\frac{1}{14}, \frac{3}{28}$	-1	$\frac{11}{28}, \frac{3}{7}$	-1	$\frac{1}{28}, \frac{1}{7}$	1	$\frac{5}{14}, \frac{13}{28}$
-1	$\frac{1}{28}, \frac{3}{14}$	1	$\frac{3}{7}, \frac{13}{28}$	$-\frac{1}{2}$	$\frac{1}{14}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{2}{7}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{4}, \frac{5}{14}$	$\frac{1}{2}$	$\frac{3}{7}, \frac{1}{2}$				
$ D \equiv 15 \pmod{56}$							
1	$0, \frac{5}{28}$	-1	$\frac{9}{28}, \frac{5}{14}$	1	$0, \frac{3}{28}$	1	$\frac{3}{14}, \frac{11}{28}$
-1	$\frac{1}{14}, \frac{3}{14}$	3	$\frac{1}{4}, \frac{3}{7}$	-1	$\frac{1}{7}, \frac{3}{14}$	2	$\frac{1}{4}, \frac{3}{7}$
2	$\frac{1}{4}, \frac{2}{7}$	1	$\frac{5}{14}, \frac{3}{7}$	1	$0, \frac{1}{28}$	1	$\frac{1}{14}, \frac{13}{28}$
$ D \equiv 19 \pmod{56}$							
$-\frac{1}{3}$	$\frac{1}{14}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{2}{7}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{5}{14}$	$\frac{1}{3}$	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 23 \pmod{56}$							
1	$0, \frac{5}{28}$	-1	$\frac{9}{28}, \frac{5}{14}$	1	$0, \frac{3}{28}$	1	$\frac{3}{14}, \frac{11}{28}$
-1	$\frac{1}{14}, \frac{3}{14}$	3	$\frac{1}{4}, \frac{3}{7}$	-1	$\frac{1}{7}, \frac{3}{14}$	2	$\frac{1}{4}, \frac{3}{7}$
2	$\frac{1}{4}, \frac{2}{7}$	1	$\frac{5}{14}, \frac{3}{7}$	1	$0, \frac{1}{28}$	1	$\frac{1}{14}, \frac{13}{28}$
$ D \equiv 27 \pmod{56}$							
$-\frac{1}{3}$	$\frac{1}{14}, \frac{1}{4}$	$\frac{1}{3}$	$\frac{2}{7}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}, \frac{5}{14}$	$\frac{1}{3}$	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 31 \pmod{56}$							
1	$0, \frac{5}{28}$	-1	$\frac{9}{28}, \frac{5}{14}$	1	$0, \frac{3}{28}$	1	$\frac{3}{14}, \frac{11}{28}$
1	$0, \frac{1}{28}$	1	$\frac{1}{14}, \frac{13}{28}$				
$ D \equiv 39 \pmod{56}$							
1	$0, \frac{5}{28}$	-1	$\frac{9}{28}, \frac{5}{14}$	1	$0, \frac{3}{28}$	1	$\frac{3}{14}, \frac{11}{28}$
-1	$\frac{1}{14}, \frac{3}{14}$	3	$\frac{1}{4}, \frac{3}{7}$	-1	$\frac{1}{7}, \frac{3}{14}$	2	$\frac{1}{4}, \frac{3}{7}$
2	$\frac{1}{4}, \frac{2}{7}$	1	$\frac{5}{14}, \frac{3}{7}$	1	$0, \frac{1}{28}$	1	$\frac{1}{14}, \frac{13}{28}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 43 \pmod{56}$							
-1	$0, \frac{1}{14}$	1	$\frac{1}{4}, \frac{2}{7}$	$\frac{1}{2}$	$\frac{1}{14}, \frac{5}{28}$	$\frac{1}{2}$	$\frac{3}{14}, \frac{9}{28}$
$\frac{1}{2}$	$\frac{1}{14}, \frac{3}{28}$	$\frac{1}{2}$	$\frac{5}{14}, \frac{11}{28}$	-1	$\frac{3}{28}, \frac{2}{7}$	1	$\frac{5}{14}, \frac{11}{28}$
1	$\frac{1}{14}, \frac{3}{28}$	-1	$\frac{11}{28}, \frac{3}{7}$	-1	$\frac{1}{28}, \frac{1}{7}$	1	$\frac{5}{14}, \frac{13}{28}$
$-\frac{1}{2}$	$\frac{1}{28}, \frac{3}{14}$	$\frac{1}{2}$	$\frac{5}{14}, \frac{13}{28}$	-1	$\frac{1}{28}, \frac{3}{14}$	1	$\frac{3}{7}, \frac{13}{28}$
$-\frac{1}{2}$	$\frac{1}{14}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{2}{7}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{5}{14}$	$\frac{1}{2}$	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 47 \pmod{56}$							
1	$0, \frac{5}{28}$	-1	$\frac{9}{28}, \frac{5}{14}$	1	$0, \frac{3}{28}$	1	$\frac{3}{14}, \frac{11}{28}$
1	$0, \frac{1}{28}$	1	$\frac{1}{14}, \frac{13}{28}$				
$ D \equiv 51 \pmod{56}$							
1	$0, \frac{1}{7}$	1	$\frac{3}{14}, \frac{1}{4}$	-1	$0, \frac{1}{14}$	1	$\frac{1}{4}, \frac{2}{7}$
$\frac{1}{2}$	$\frac{1}{14}, \frac{5}{28}$	$\frac{1}{2}$	$\frac{3}{14}, \frac{9}{28}$	-1	$\frac{5}{28}, \frac{3}{14}$	1	$\frac{2}{7}, \frac{9}{28}$
$\frac{1}{2}$	$\frac{1}{14}, \frac{3}{28}$	$\frac{1}{2}$	$\frac{5}{14}, \frac{11}{28}$	-1	$\frac{3}{28}, \frac{2}{7}$	1	$\frac{5}{14}, \frac{11}{28}$
1	$\frac{1}{14}, \frac{3}{28}$	-1	$\frac{11}{28}, \frac{3}{7}$	-1	$\frac{1}{28}, \frac{1}{7}$	1	$\frac{5}{14}, \frac{13}{28}$
$-\frac{1}{2}$	$\frac{1}{28}, \frac{3}{14}$	$\frac{1}{2}$	$\frac{5}{14}, \frac{13}{28}$	-1	$\frac{1}{28}, \frac{3}{14}$	1	$\frac{3}{7}, \frac{13}{28}$
$-\frac{1}{2}$	$\frac{1}{14}, \frac{1}{4}$	$\frac{1}{2}$	$\frac{2}{7}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}, \frac{5}{14}$	$\frac{1}{2}$	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 55 \pmod{56}$							
1	$0, \frac{5}{28}$	-1	$\frac{9}{28}, \frac{5}{14}$	1	$0, \frac{3}{28}$	1	$\frac{3}{14}, \frac{11}{28}$
1	$0, \frac{1}{28}$	1	$\frac{1}{14}, \frac{13}{28}$				
$ D \equiv 7 \pmod{120}$							
-1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{1}{5}$
-1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{1}{15}, \frac{7}{30}$	1	$0, \frac{1}{30}$	1	$\frac{2}{15}, \frac{4}{15}$
1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{1}{6}, \frac{4}{15}$	1	$0, \frac{1}{10}$	1	$\frac{1}{6}, \frac{3}{10}$
3	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{3}{10}$	3	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{3}{10}$
1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{4}{15}, \frac{3}{10}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{15}$	$\frac{1}{2}$	$\frac{2}{15}, \frac{1}{3}$
$\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{5}, \frac{1}{3}$
-1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{3}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{3}$	1	$\frac{1}{10}, \frac{1}{6}$	1	$\frac{3}{10}, \frac{1}{3}$
1	$0, \frac{1}{5}$	$-\frac{1}{2}$	$\frac{3}{10}, \frac{1}{3}$	1	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{1}{3}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	1	$\frac{3}{10}, \frac{1}{3}$	1	$\frac{1}{5}, \frac{3}{10}$	$\frac{3}{2}$	$\frac{3}{10}, \frac{1}{3}$
1	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$	1	$0, \frac{1}{30}$	1	$\frac{1}{6}, \frac{11}{30}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$0, \frac{1}{15}$	1	$\frac{7}{30}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{7}{30}, \frac{11}{30}$
2	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{7}{30}, \frac{11}{30}$	-1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{4}{15}, \frac{11}{30}$
1	$0, \frac{2}{15}$	1	$\frac{4}{15}, \frac{11}{30}$	-1	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{11}{30}$	1	$\frac{2}{15}, \frac{4}{15}$	-1	$\frac{1}{3}, \frac{11}{30}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{3}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{11}{30}$	$\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{6}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{2}{5}$	2	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{3}{10}, \frac{2}{5}$	1	$\frac{1}{6}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{2}{5}$
$\frac{1}{2}$	$0, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{6}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{5}, \frac{3}{10}$	-3	$\frac{1}{3}, \frac{2}{5}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{30}, \frac{1}{5}$	1	$\frac{11}{30}, \frac{2}{5}$
1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{13}{30}$	-1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{2}{15}, \frac{13}{30}$
1	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	1	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{13}{30}$
1	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{13}{30}$	1	$\frac{1}{15}, \frac{7}{30}$	1	$\frac{4}{15}, \frac{13}{30}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{7}{30}, \frac{1}{3}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{13}{30}$	-2	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{11}{30}, \frac{13}{30}$
2	$0, \frac{2}{15}$	-1	$\frac{11}{30}, \frac{13}{30}$	2	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{7}{30}$	1	$\frac{11}{30}, \frac{13}{30}$	$\frac{2}{3}$	$\frac{2}{15}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{4}{15}, \frac{11}{30}$	1	$\frac{11}{30}, \frac{13}{30}$	-1	$\frac{1}{5}, \frac{7}{30}$	-1	$\frac{2}{5}, \frac{13}{30}$
1	$0, \frac{1}{30}$	1	$\frac{1}{15}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{2}{15}, \frac{7}{15}$
1	$\frac{2}{15}, \frac{1}{6}$	-1	$\frac{1}{6}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{7}{30}, \frac{7}{15}$
1	$0, \frac{7}{30}$	-1	$\frac{4}{15}, \frac{7}{15}$	-1	$\frac{1}{10}, \frac{7}{15}$	-1	$\frac{3}{10}, \frac{7}{15}$
1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{7}{15}$
$\frac{1}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{-2}{3}$	$\frac{1}{3}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{7}{15}$
1	$0, \frac{1}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$	-1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$
-1	$\frac{1}{15}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{3}$	$\frac{-1}{2}$	$\frac{11}{30}, \frac{7}{15}$
-1	$\frac{7}{30}, \frac{11}{30}$	-2	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{2}{15}, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{7}{15}$
-1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{2}{15}, \frac{1}{2}$	1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{1}{2}$
1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{1}{2}$	1	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{1}{2}$	1	$0, \frac{1}{30}$	-1	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{1}{2}$	-1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{2}{5}, \frac{1}{2}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{3}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{3}{10}, \frac{1}{3}$	-1	$\frac{2}{5}, \frac{1}{2}$	1	$0, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{13}{30}, \frac{1}{2}$	1	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{7}{15}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{7}{15}, \frac{1}{2}$	1	$\frac{1}{15}, \frac{7}{30}$	1	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{2}{15}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	1	$\frac{4}{15}, \frac{11}{30}$	1	$\frac{7}{15}, \frac{1}{2}$
-1	$\frac{11}{30}, \frac{13}{30}$	2	$\frac{7}{15}, \frac{1}{2}$	1	$\frac{2}{15}, \frac{7}{15}$	2	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 11 \pmod{120}$							
1	$0, \frac{1}{15}$	-1	$\frac{2}{15}, \frac{7}{30}$	1	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$
1	$0, \frac{1}{30}$	1	$\frac{1}{10}, \frac{11}{30}$	1	$0, \frac{1}{30}$	1	$\frac{1}{6}, \frac{11}{30}$
1	$0, \frac{1}{30}$	1	$\frac{3}{10}, \frac{11}{30}$	1	$0, \frac{1}{30}$	1	$\frac{1}{3}, \frac{11}{30}$
1	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	1	$0, \frac{7}{30}$	1	$\frac{3}{10}, \frac{13}{30}$
1	$0, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$	1	$0, \frac{1}{15}$	1	$\frac{11}{30}, \frac{7}{15}$
1	$0, \frac{4}{15}$	1	$\frac{13}{30}, \frac{7}{15}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$
-1	$0, \frac{1}{30}$	1	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{30}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
$-\frac{1}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{5}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$
-1	$0, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$-\frac{1}{2}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{7}{30}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 19 \pmod{120}$							
1	$0, \frac{1}{30}$	-1	$\frac{1}{15}, \frac{2}{15}$	1	$0, \frac{1}{15}$	-1	$\frac{2}{15}, \frac{7}{30}$
1	$0, \frac{1}{15}$	1	$\frac{1}{10}, \frac{4}{15}$	$\frac{1}{3}$	$0, \frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{4}{15}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$
$-\frac{1}{4}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{6}, \frac{4}{15}$	1	$0, \frac{1}{15}$	-1	$\frac{4}{15}, \frac{3}{10}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$-\frac{1}{2}$	$\frac{4}{15}, \frac{3}{10}$	1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{4}{15}, \frac{1}{3}$
-1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{3}$	-1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{4}{15}, \frac{1}{3}$
$-\frac{1}{2}$	$\frac{1}{30}, \frac{7}{30}$	1	$\frac{4}{15}, \frac{1}{3}$	-1	$\frac{2}{15}, \frac{7}{30}$	1	$\frac{4}{15}, \frac{1}{3}$
1	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$	1	$0, \frac{1}{30}$	1	$\frac{1}{10}, \frac{11}{30}$
$\frac{1}{3}$	$0, \frac{1}{30}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{11}{30}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{11}{30}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{11}{30}$	$-\frac{1}{4}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{6}, \frac{11}{30}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{2}{15}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{11}{30}$	$-\frac{1}{2}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{11}{30}$
1	$0, \frac{1}{30}$	1	$\frac{3}{10}, \frac{11}{30}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{3}, \frac{11}{30}$	-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{11}{30}$
-1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{1}{3}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{11}{30}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{5}, \frac{2}{5}$
$\frac{1}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{2}{5}$	-1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{5}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$
1	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$
1	$0, \frac{2}{15}$	1	$\frac{4}{15}, \frac{13}{30}$	$-\frac{1}{2}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{13}{30}$
1	$0, \frac{7}{30}$	1	$\frac{3}{10}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{13}{30}$
-1	$\frac{1}{10}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{13}{30}$	1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$
1	$\frac{2}{15}, \frac{4}{15}$	-1	$\frac{1}{3}, \frac{13}{30}$	1	$\frac{7}{30}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{7}{30}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{13}{30}$	1	$0, \frac{1}{15}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{11}{30}, \frac{13}{30}$	1	$0, \frac{4}{15}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$	$-\frac{1}{4}$	$\frac{11}{30}, \frac{13}{30}$	1	$\frac{1}{15}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$
1	$\frac{4}{15}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$	$\frac{1}{3}$	$0, \frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{15}$	$-\frac{1}{4}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{6}, \frac{7}{15}$
1	$0, \frac{1}{30}$	1	$\frac{4}{15}, \frac{7}{15}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{7}{15}$
1	$0, \frac{2}{15}$	1	$\frac{3}{10}, \frac{7}{15}$	$-\frac{1}{2}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{7}{15}$
-1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$	-1	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{1}{3}, \frac{7}{15}$
-1	$\frac{1}{15}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{7}{15}$	1	$\frac{1}{30}, \frac{4}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$
1	$\frac{2}{15}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{7}{15}$	1	$0, \frac{1}{15}$	1	$\frac{11}{30}, \frac{7}{15}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{7}{15}$	1	$0, \frac{4}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{3}$	-1	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{4}{15}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{7}{15}$	1	$0, \frac{1}{15}$	-1	$\frac{13}{30}, \frac{7}{15}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$-\frac{1}{2}$	$\frac{13}{30}, \frac{7}{15}$	1	$0, \frac{4}{15}$	1	$\frac{13}{30}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{13}{30}, \frac{7}{15}$
1	$\frac{4}{15}, \frac{1}{3}$	-1	$\frac{13}{30}, \frac{7}{15}$	-1	$0, \frac{1}{15}$	1	$\frac{4}{15}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$
$-\frac{1}{4}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{2}{15}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$	-1	$0, \frac{1}{30}$	1	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$\frac{1}{2}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{30}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{30}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{5}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{2}{5}, \frac{1}{2}$
-1	$0, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{2}{15}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$\frac{1}{3}$	$\frac{7}{30}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
-1	$0, \frac{2}{15}$	1	$\frac{7}{15}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{2}{15}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{15}, \frac{3}{10}$	$\frac{1}{3}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{30}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{2}{15}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 23 \pmod{120}$							
1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{1}{5}$	1	$0, \frac{1}{15}$	1	$\frac{1}{10}, \frac{4}{15}$
1	$0, \frac{1}{10}$	1	$\frac{1}{6}, \frac{3}{10}$	3	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{3}{10}$
3	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{3}{10}$	1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{1}{3}$
1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{1}{3}$	1	$0, \frac{1}{10}$	-1	$\frac{3}{10}, \frac{1}{3}$
$\frac{2}{3}$	$0, \frac{1}{5}$	$-\frac{1}{3}$	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{1}{3}$
2	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{1}{5}, \frac{3}{10}$	-3	$\frac{3}{10}, \frac{1}{3}$
1	$0, \frac{2}{15}$	1	$\frac{4}{15}, \frac{11}{30}$	$\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{6}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{2}{5}$	2	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{3}{10}, \frac{2}{5}$	1	$\frac{1}{6}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{2}{5}$
$\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{3}, \frac{2}{5}$	$-\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{6}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{2}{5}$	$-\frac{1}{2}$	$\frac{1}{5}, \frac{3}{10}$	$\frac{3}{2}$	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{2}{5}$
1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{13}{30}$	2	$\frac{2}{15}, \frac{1}{5}$	1	$\frac{11}{30}, \frac{13}{30}$
1	$0, \frac{1}{30}$	1	$\frac{1}{15}, \frac{7}{15}$	1	$0, \frac{7}{30}$	-1	$\frac{4}{15}, \frac{7}{15}$
1	$0, \frac{2}{15}$	1	$\frac{3}{10}, \frac{7}{15}$	1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{1}{2}$	-1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{3}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$
-1	$\frac{1}{10}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$				

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 31$				$(\text{mod } 120)$			
1	$0, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{1}{5}$	1	$0, \frac{1}{30}$	1	$\frac{2}{15}, \frac{4}{15}$
1	$0, \frac{1}{15}$	1	$\frac{1}{6}, \frac{4}{15}$	1	$0, \frac{1}{10}$	1	$\frac{1}{6}, \frac{3}{10}$
-1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{2}{15}, \frac{1}{3}$	$\frac{1}{3}$	$0, \frac{1}{10}$	$\frac{2}{3}$	$\frac{1}{5}, \frac{1}{3}$
$-\frac{1}{2}$	$\frac{1}{10}, \frac{1}{6}$	1	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{1}{3}$
-1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{3}$
1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{1}{3}$	1	$\frac{1}{10}, \frac{1}{6}$	1	$\frac{3}{10}, \frac{1}{3}$
2	$0, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{1}{3}$
-2	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	1	$\frac{3}{10}, \frac{1}{3}$
$\frac{2}{3}$	$\frac{1}{5}, \frac{3}{10}$	1	$\frac{3}{10}, \frac{1}{3}$	1	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$
1	$0, \frac{1}{30}$	1	$\frac{1}{6}, \frac{11}{30}$	1	$0, \frac{1}{15}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{11}{30}$
1	$0, \frac{2}{15}$	1	$\frac{4}{15}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{11}{30}$
1	$\frac{2}{15}, \frac{4}{15}$	-1	$\frac{1}{3}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{11}{30}$
1	$0, \frac{1}{10}$	2	$\frac{1}{6}, \frac{2}{5}$	-1	$0, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{2}{5}$	$\frac{1}{3}$	$0, \frac{3}{10}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{2}{5}$
$\frac{1}{4}$	$\frac{1}{10}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$
$\frac{1}{3}$	$\frac{1}{5}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$	$\frac{1}{3}$	$\frac{1}{10}, \frac{1}{3}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{1}{3}, \frac{2}{5}$	1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{13}{30}$
1	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	1	$0, \frac{2}{15}$	-1	$\frac{4}{15}, \frac{13}{30}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{7}{30}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{13}{30}$	1	$0, \frac{2}{15}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$
1	$\frac{2}{15}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$	1	$0, \frac{1}{30}$	1	$\frac{1}{15}, \frac{7}{15}$
1	$0, \frac{2}{15}$	1	$\frac{1}{6}, \frac{7}{15}$	1	$0, \frac{1}{15}$	1	$\frac{7}{30}, \frac{7}{15}$
1	$0, \frac{7}{30}$	-1	$\frac{4}{15}, \frac{7}{15}$	1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$
1	$\frac{2}{15}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{7}{15}$	1	$0, \frac{1}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$
1	$0, \frac{4}{15}$	1	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{4}{15}, \frac{1}{3}$	-1	$\frac{11}{30}, \frac{7}{15}$	1	$0, \frac{1}{15}$	-1	$\frac{4}{15}, \frac{1}{2}$
1	$0, \frac{1}{30}$	-1	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{10}, \frac{1}{3}$	2	$\frac{2}{5}, \frac{1}{2}$	1	$\frac{1}{5}, \frac{1}{3}$	1	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$	1	$0, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{13}{30}, \frac{1}{2}$	1	$0, \frac{2}{15}$	-1	$\frac{7}{15}, \frac{1}{2}$
1	$\frac{2}{15}, \frac{1}{3}$	1	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 43 \pmod{120}$							
$\frac{1}{2}$	$0, \frac{1}{30}$	$-\frac{1}{2}$	$\frac{1}{15}, \frac{2}{15}$	-1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{7}{30}$
1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{2}{15}, \frac{7}{30}$	$-\frac{1}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{3}$	$\frac{2}{15}, \frac{7}{30}$
1	$0, \frac{1}{15}$	1	$\frac{1}{10}, \frac{4}{15}$	-1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{1}{10}, \frac{4}{15}$
$\frac{1}{2}$	$0, \frac{1}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$	$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$
$-\frac{1}{3}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{4}{15}$	1	$0, \frac{1}{15}$	-1	$\frac{4}{15}, \frac{3}{10}$
-1	$\frac{1}{15}, \frac{1}{10}$	-1	$\frac{4}{15}, \frac{3}{10}$	-1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{3}{10}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$-\frac{1}{2}$	$\frac{4}{15}, \frac{3}{10}$	1	$\frac{1}{30}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{3}{10}$
$\frac{1}{2}$	$\frac{2}{15}, \frac{7}{30}$	$-\frac{1}{2}$	$\frac{4}{15}, \frac{3}{10}$	-1	$\frac{1}{15}, \frac{4}{15}$	-2	$\frac{4}{15}, \frac{3}{10}$
1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{4}{15}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{1}{3}$
$-\frac{1}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{4}{15}, \frac{1}{3}$	$\frac{1}{2}$	$0, \frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{30}, \frac{11}{30}$
$\frac{1}{4}$	$0, \frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{10}, \frac{11}{30}$	$-\frac{1}{4}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{10}, \frac{11}{30}$
$\frac{1}{5}$	$0, \frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{6}, \frac{11}{30}$	$-\frac{1}{5}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{6}, \frac{11}{30}$
$\frac{1}{3}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{11}{30}$	$-\frac{1}{6}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}, \frac{11}{30}$
2	$0, \frac{2}{15}$	1	$\frac{7}{30}, \frac{11}{30}$	2	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{7}{30}, \frac{11}{30}$
$-\frac{2}{3}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{7}{30}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{1}{3}$	$\frac{7}{30}, \frac{11}{30}$
$-\frac{1}{3}$	$\frac{1}{30}, \frac{1}{15}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{11}{30}$	$\frac{1}{4}$	$0, \frac{1}{30}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{11}{30}$
$-\frac{1}{4}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$
$-\frac{1}{5}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{5}$	$\frac{3}{10}, \frac{11}{30}$	$-\frac{1}{4}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{11}{30}$
$\frac{1}{2}$	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{11}{30}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{11}{30}$
$-\frac{1}{3}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}, \frac{11}{30}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{11}{30}$
$\frac{2}{5}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}, \frac{2}{5}$	$\frac{1}{4}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{1}{3}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{5}, \frac{3}{10}$	1	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{1}{30}, \frac{1}{5}$	-1	$\frac{11}{30}, \frac{2}{5}$
$\frac{1}{2}$	$0, \frac{7}{30}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$
$\frac{1}{3}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{6}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$0, \frac{2}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{13}{30}$	$-\frac{1}{3}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{13}{30}$
$\frac{1}{3}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{13}{30}$	$-\frac{1}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{13}{30}$
$\frac{1}{4}$	$0, \frac{7}{30}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{13}{30}$	$\frac{1}{4}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{13}{30}$
$\frac{1}{5}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{5}$	$\frac{3}{10}, \frac{13}{30}$	$-\frac{1}{2}$	$\frac{2}{15}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{13}{30}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$-\frac{1}{4}$	$\frac{7}{30}, \frac{3}{10}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{13}{30}$	$\frac{1}{2}$	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{13}{30}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{3}$	$\frac{1}{3}, \frac{13}{30}$
$-\frac{1}{2}$	$\frac{7}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{13}{30}$	2	$0, \frac{1}{15}$	1	$\frac{11}{30}, \frac{13}{30}$
-2	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{11}{30}, \frac{13}{30}$	$-\frac{2}{3}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$
$-\frac{2}{3}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$	$\frac{2}{3}$	$\frac{2}{15}, \frac{7}{30}$	$\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$
2	$0, \frac{4}{15}$	-1	$\frac{11}{30}, \frac{13}{30}$	2	$\frac{1}{10}, \frac{4}{15}$	-1	$\frac{11}{30}, \frac{13}{30}$
$\frac{2}{3}$	$\frac{1}{6}, \frac{4}{15}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$	-2	$\frac{1}{15}, \frac{3}{30}$	1	$\frac{11}{30}, \frac{13}{30}$
-2	$\frac{4}{15}, \frac{3}{10}$	-1	$\frac{11}{30}, \frac{13}{30}$	$\frac{2}{3}$	$\frac{1}{15}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$
$\frac{2}{3}$	$\frac{4}{15}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$	1	$\frac{1}{5}, \frac{7}{30}$	1	$\frac{2}{5}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{2}{15}, \frac{7}{15}$	$\frac{1}{2}$	$0, \frac{2}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{15}$	$-\frac{1}{3}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{7}{15}$
$\frac{1}{2}$	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{7}{15}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{7}{15}$
$-\frac{1}{3}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{7}{15}$	1	$0, \frac{2}{15}$	1	$\frac{3}{10}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{3}{10}, \frac{7}{15}$	$-\frac{1}{2}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{7}{15}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{7}{15}$
-1	$\frac{2}{15}, \frac{3}{10}$	1	$\frac{3}{10}, \frac{7}{15}$	-1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$
1	$\frac{2}{15}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{7}{15}$	-1	$0, \frac{1}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{1}{10}$	-1	$\frac{11}{30}, \frac{7}{15}$	$-\frac{1}{3}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{7}{15}$
$-\frac{1}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{2}{3}$	$\frac{11}{30}, \frac{7}{15}$	$\frac{1}{2}$	$0, \frac{4}{15}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{7}{15}$
$\frac{1}{3}$	$\frac{1}{15}, \frac{4}{15}$	$-\frac{2}{3}$	$\frac{11}{30}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{4}{15}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{7}{15}$
$\frac{1}{3}$	$\frac{1}{6}, \frac{4}{15}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{3}{10}$	-1	$\frac{11}{30}, \frac{7}{15}$
$-\frac{1}{2}$	$\frac{4}{15}, \frac{3}{10}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{7}{15}$	$\frac{1}{3}$	$\frac{1}{15}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{7}{15}$
$\frac{1}{2}$	$0, \frac{1}{15}$	$-\frac{1}{2}$	$\frac{13}{30}, \frac{7}{15}$	$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{10}$	$-\frac{1}{2}$	$\frac{13}{30}, \frac{7}{15}$
$-\frac{1}{3}$	$\frac{1}{15}, \frac{1}{6}$	$-\frac{1}{3}$	$\frac{13}{30}, \frac{7}{15}$	$\frac{1}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{2}{3}$	$\frac{13}{30}, \frac{7}{15}$
$\frac{1}{3}$	$\frac{2}{15}, \frac{7}{30}$	$-\frac{1}{3}$	$\frac{13}{30}, \frac{7}{15}$	-1	$0, \frac{4}{15}$	-1	$\frac{13}{30}, \frac{7}{15}$
$-\frac{1}{3}$	$\frac{1}{15}, \frac{4}{15}$	$-\frac{2}{3}$	$\frac{13}{30}, \frac{7}{15}$	-1	$\frac{1}{10}, \frac{4}{15}$	-1	$\frac{13}{30}, \frac{7}{15}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{3}{10}$	$-\frac{1}{2}$	$\frac{13}{30}, \frac{7}{15}$	1	$\frac{4}{15}, \frac{3}{10}$	-1	$\frac{13}{30}, \frac{7}{15}$
$\frac{1}{3}$	$\frac{4}{15}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{13}{30}, \frac{7}{15}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$	$-\frac{2}{3}$	$\frac{13}{30}, \frac{7}{15}$
$-\frac{1}{2}$	$0, \frac{1}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$
$-\frac{1}{4}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{4}$	$\frac{4}{15}, \frac{1}{2}$	1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{1}{2}$
$-\frac{1}{5}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{2}{5}$	$\frac{4}{15}, \frac{1}{2}$	-1	$\frac{2}{15}, \frac{7}{30}$	1	$\frac{4}{15}, \frac{1}{2}$
$\frac{1}{5}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{2}{5}$	$\frac{4}{15}, \frac{1}{2}$	1	$0, \frac{1}{30}$	-1	$\frac{11}{30}, \frac{1}{2}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{11}{30}, \frac{1}{2}$	-1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{11}{30}, \frac{1}{2}$
-1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$	1	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{5}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$	1	0, $\frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{1}{10}, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{30}$	$-\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{2}{15}, \frac{4}{15}$	1	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{7}{30}, \frac{3}{10}$	-1	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	1	$\frac{13}{30}, \frac{1}{2}$
$-\frac{1}{2}$	0, $\frac{2}{15}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
1	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{7}{15}, \frac{1}{2}$	-1	$\frac{1}{15}, \frac{7}{30}$	1	$\frac{7}{15}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{4}{15}$	1	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{2}{15}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{2}{15}, \frac{1}{3}$	$\frac{1}{4}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{15}, \frac{11}{30}$	$\frac{1}{4}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{5}$	$\frac{7}{30}, \frac{11}{30}$	$\frac{2}{5}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{5}$	$\frac{1}{30}, \frac{13}{30}$	$\frac{2}{5}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{4}{15}, \frac{13}{30}$	$\frac{1}{4}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{5}$	$\frac{2}{15}, \frac{7}{15}$	$\frac{2}{5}$	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 47 \pmod{120}$							
1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{1}{5}$	1	0, $\frac{1}{15}$	1	$\frac{1}{10}, \frac{4}{15}$
1	0, $\frac{1}{10}$	1	$\frac{1}{6}, \frac{3}{10}$	3	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{3}{10}$
3	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{3}{10}$	1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{1}{3}$
1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{5}, \frac{1}{3}$	1	0, $\frac{1}{10}$	-1	$\frac{3}{10}, \frac{1}{3}$
$\frac{2}{3}$	0, $\frac{1}{5}$	$-\frac{1}{3}$	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{1}{3}$
2	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{1}{5}, \frac{3}{10}$	-3	$\frac{3}{10}, \frac{1}{3}$
1	0, $\frac{2}{15}$	1	$\frac{4}{15}, \frac{11}{30}$	$\frac{1}{2}$	0, $\frac{1}{10}$	1	$\frac{1}{6}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{2}{5}$	2	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{3}{10}, \frac{2}{5}$	1	$\frac{1}{6}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{2}{5}$
$\frac{1}{2}$	0, $\frac{1}{10}$	1	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{3}, \frac{2}{5}$	$-\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{6}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{2}{5}$	$-\frac{1}{2}$	$\frac{1}{5}, \frac{3}{10}$	3	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{2}{5}$
1	0, $\frac{1}{15}$	1	$\frac{2}{15}, \frac{13}{30}$	2	$\frac{2}{15}, \frac{1}{5}$	1	$\frac{11}{30}, \frac{13}{30}$
1	0, $\frac{1}{30}$	1	$\frac{1}{15}, \frac{7}{15}$	1	0, $\frac{7}{30}$	-1	$\frac{4}{15}, \frac{7}{15}$
1	0, $\frac{2}{15}$	1	$\frac{3}{10}, \frac{7}{15}$	1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{1}{2}$	-1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{3}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-1	$\frac{1}{10}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 59 \pmod{120}$							
1	$0, \frac{1}{15}$	-1	$\frac{2}{15}, \frac{7}{30}$	1	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$
1	$0, \frac{1}{30}$	1	$\frac{1}{10}, \frac{11}{30}$	1	$0, \frac{1}{30}$	1	$\frac{1}{6}, \frac{11}{30}$
1	$0, \frac{1}{30}$	1	$\frac{3}{10}, \frac{11}{30}$	1	$0, \frac{1}{30}$	1	$\frac{1}{3}, \frac{11}{30}$
1	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	1	$0, \frac{7}{30}$	1	$\frac{3}{10}, \frac{13}{30}$
1	$0, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$	1	$0, \frac{1}{15}$	1	$\frac{11}{30}, \frac{7}{15}$
1	$0, \frac{4}{15}$	1	$\frac{13}{30}, \frac{7}{15}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$
-1	$0, \frac{1}{30}$	1	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{10}{10}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{30}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
$-\frac{1}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{5}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$
-1	$0, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$-\frac{1}{2}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{7}{30}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 67 \pmod{120}$							
$\frac{1}{2}$	$0, \frac{1}{30}$	$-\frac{1}{2}$	$\frac{1}{15}, \frac{2}{15}$	-1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{7}{30}$
1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{2}{15}, \frac{7}{30}$	$-\frac{1}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{3}$	$\frac{2}{15}, \frac{7}{30}$
1	$0, \frac{1}{15}$	1	$\frac{1}{10}, \frac{4}{15}$	-1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{1}{10}, \frac{4}{15}$
$\frac{1}{2}$	$0, \frac{1}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$	$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$
$-\frac{1}{3}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{4}{15}$	1	$0, \frac{1}{15}$	-1	$\frac{4}{15}, \frac{3}{10}$
-1	$\frac{1}{15}, \frac{1}{10}$	-1	$\frac{4}{15}, \frac{3}{10}$	-1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{3}{10}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$-\frac{1}{2}$	$\frac{4}{15}, \frac{3}{10}$	1	$\frac{1}{30}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{3}{10}$
$\frac{1}{2}$	$\frac{2}{15}, \frac{7}{30}$	$-\frac{1}{2}$	$\frac{4}{15}, \frac{3}{10}$	-1	$\frac{1}{15}, \frac{4}{15}$	-2	$\frac{4}{15}, \frac{3}{10}$
1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{4}{15}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{1}{3}$
$-\frac{1}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{4}{15}, \frac{1}{3}$	$\frac{1}{2}$	$0, \frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{30}, \frac{11}{30}$
$\frac{1}{4}$	$0, \frac{1}{30}$	$\frac{1}{4}$	$\frac{1}{10}, \frac{11}{30}$	$-\frac{1}{4}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{4}$	$\frac{1}{10}, \frac{11}{30}$
$\frac{1}{5}$	$0, \frac{1}{30}$	$\frac{1}{5}$	$\frac{1}{6}, \frac{11}{30}$	$-\frac{1}{5}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{6}, \frac{11}{30}$
$\frac{1}{3}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{11}{30}$	$-\frac{1}{6}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}, \frac{11}{30}$
2	$0, \frac{2}{15}$	1	$\frac{7}{30}, \frac{11}{30}$	2	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{7}{30}, \frac{11}{30}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$-\frac{2}{3}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{7}{30}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{1}{3}$	$\frac{7}{30}, \frac{11}{30}$
$-\frac{1}{3}$	$\frac{1}{30}, \frac{1}{15}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{11}{30}$	$\frac{1}{4}$	$0, \frac{1}{30}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{11}{30}$
$-\frac{1}{4}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$
$-\frac{1}{5}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{5}$	$\frac{3}{10}, \frac{11}{30}$	$-\frac{1}{4}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{11}{30}$
$\frac{1}{2}$	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{11}{30}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{11}{30}$
$-\frac{1}{3}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{3}, \frac{11}{30}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{11}{30}$
$\frac{2}{5}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}, \frac{2}{5}$	$\frac{1}{4}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{1}{3}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{5}, \frac{3}{10}$	1	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{1}{30}, \frac{1}{5}$	-1	$\frac{11}{30}, \frac{2}{5}$
$\frac{1}{2}$	$0, \frac{7}{30}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$
$\frac{1}{3}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{6}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$0, \frac{2}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{13}{30}$	$-\frac{1}{3}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{13}{30}$
$\frac{1}{3}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{13}{30}$	$-\frac{1}{3}$	$\frac{1}{30}, \frac{4}{15}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{13}{30}$
$\frac{1}{4}$	$0, \frac{7}{30}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{13}{30}$	$\frac{1}{4}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{13}{30}$
$\frac{1}{5}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{5}$	$\frac{3}{10}, \frac{13}{30}$	$-\frac{1}{2}$	$\frac{2}{15}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{13}{30}$
$-\frac{1}{4}$	$\frac{7}{30}, \frac{3}{10}$	$\frac{1}{4}$	$\frac{3}{10}, \frac{13}{30}$	$\frac{1}{2}$	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{13}{30}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{3}$	$\frac{1}{3}, \frac{13}{30}$
$-\frac{1}{2}$	$\frac{7}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{13}{30}$	$-\frac{2}{3}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$
$-\frac{2}{3}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$	$\frac{2}{3}$	$\frac{2}{15}, \frac{7}{30}$	$\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$
2	$0, \frac{4}{15}$	-1	$\frac{11}{30}, \frac{13}{30}$	2	$\frac{1}{10}, \frac{4}{15}$	-1	$\frac{11}{30}, \frac{13}{30}$
$\frac{2}{3}$	$\frac{1}{6}, \frac{4}{15}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$	-2	$\frac{4}{15}, \frac{3}{10}$	-1	$\frac{11}{30}, \frac{13}{30}$
$\frac{2}{3}$	$\frac{1}{15}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$	$\frac{2}{3}$	$\frac{4}{15}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$
1	$\frac{1}{5}, \frac{7}{30}$	1	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{2}{5}, \frac{7}{15}$
$\frac{1}{2}$	$0, \frac{2}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{15}$
$-\frac{1}{3}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{7}{15}$	$\frac{1}{2}$	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{7}{15}$
$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{7}{15}$	$-\frac{1}{3}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{7}{15}$
1	$0, \frac{2}{15}$	1	$\frac{3}{10}, \frac{7}{15}$	1	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{3}{10}, \frac{7}{15}$
$-\frac{1}{2}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{7}{15}$
$-\frac{1}{2}$	$\frac{1}{30}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{7}{15}$	-1	$\frac{2}{15}, \frac{3}{10}$	1	$\frac{3}{10}, \frac{7}{15}$
-1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{7}{15}$
-1	$0, \frac{1}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{10}$	-1	$\frac{11}{30}, \frac{7}{15}$
$-\frac{1}{3}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{7}{15}$	$-\frac{1}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{-2}{3}$	$\frac{11}{30}, \frac{7}{15}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$\frac{1}{2}$	$0, \frac{4}{15}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{7}{15}$	$\frac{1}{3}$	$\frac{1}{15}, \frac{4}{15}$	$-\frac{2}{3}$	$\frac{11}{30}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{4}{15}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{7}{15}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{4}{15}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{3}{10}$	-1	$\frac{11}{30}, \frac{7}{15}$	$-\frac{1}{2}$	$\frac{4}{15}, \frac{3}{10}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{7}{15}$
$\frac{1}{3}$	$\frac{1}{15}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{11}{30}, \frac{7}{15}$	$\frac{1}{2}$	$0, \frac{1}{15}$	$-\frac{1}{2}$	$\frac{13}{30}, \frac{7}{15}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{10}$	$-\frac{1}{2}$	$\frac{13}{30}, \frac{7}{15}$	$-\frac{1}{3}$	$\frac{1}{15}, \frac{1}{6}$	$-\frac{1}{3}$	$\frac{13}{30}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{7}{10}$	$-\frac{1}{2}$	$\frac{13}{30}, \frac{7}{15}$	$\frac{1}{3}$	$\frac{2}{15}, \frac{7}{10}$	$-\frac{1}{3}$	$\frac{13}{30}, \frac{7}{15}$
$\frac{1}{3}$	$\frac{1}{30}, \frac{3}{30}$	$\frac{1}{3}$	$\frac{13}{30}, \frac{7}{15}$	$\frac{1}{3}$	$\frac{1}{15}, \frac{3}{30}$	$\frac{1}{3}$	$\frac{13}{30}, \frac{7}{15}$
-1	$0, \frac{4}{15}$	-1	$\frac{13}{30}, \frac{7}{15}$	$-\frac{1}{3}$	$\frac{1}{15}, \frac{4}{15}$	$-\frac{2}{3}$	$\frac{13}{30}, \frac{7}{15}$
-1	$\frac{1}{10}, \frac{4}{15}$	-1	$\frac{13}{30}, \frac{7}{15}$	$-\frac{1}{2}$	$\frac{1}{15}, \frac{3}{10}$	$-\frac{1}{2}$	$\frac{13}{30}, \frac{7}{15}$
1	$\frac{4}{15}, \frac{3}{10}$	-1	$\frac{13}{30}, \frac{7}{15}$	$\frac{1}{3}$	$\frac{4}{15}, \frac{1}{3}$	$-\frac{1}{3}$	$\frac{13}{30}, \frac{7}{15}$
$-\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$	$-\frac{2}{3}$	$\frac{13}{30}, \frac{7}{15}$	$-\frac{1}{2}$	$0, \frac{1}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$	$-\frac{1}{4}$	$\frac{1}{30}, \frac{1}{15}$	$\frac{1}{4}$	$\frac{4}{15}, \frac{1}{2}$
1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{1}{2}$	$-\frac{1}{5}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{2}{5}$	$\frac{4}{15}, \frac{1}{2}$
-1	$\frac{2}{15}, \frac{7}{30}$	1	$\frac{4}{15}, \frac{1}{2}$	$\frac{1}{5}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{2}{5}$	$\frac{4}{15}, \frac{1}{2}$
1	$0, \frac{1}{30}$	-1	$\frac{11}{30}, \frac{1}{2}$	-1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{11}{30}, \frac{1}{2}$
-1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{11}{30}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{6}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
-1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$	1	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{5}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{2}{5}, \frac{1}{2}$	1	$0, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{1}{10}, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{30}$	$-\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{2}{15}, \frac{4}{15}$	1	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{7}{30}, \frac{3}{10}$	-1	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	1	$\frac{13}{30}, \frac{1}{2}$
$-\frac{1}{2}$	$0, \frac{2}{15}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
1	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{7}{15}, \frac{1}{2}$	-1	$\frac{1}{15}, \frac{7}{30}$	1	$\frac{7}{15}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{4}{15}$	1	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{2}{15}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{2}{15}, \frac{1}{3}$	$\frac{1}{4}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{15}, \frac{11}{30}$	$\frac{1}{4}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{5}$	$\frac{7}{30}, \frac{11}{30}$	$\frac{2}{5}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{5}$	$\frac{1}{30}, \frac{13}{30}$	$\frac{2}{5}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{4}{15}, \frac{13}{30}$	$\frac{1}{4}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{5}$	$\frac{2}{15}, \frac{7}{15}$	$\frac{2}{5}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{4}{15}, \frac{3}{30}$	$\frac{1}{4}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{5}$	$\frac{2}{15}, \frac{7}{15}$	$\frac{2}{5}$	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 71 \pmod{120}$							
1	$0, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{1}{5}$	1	$0, \frac{1}{15}$	1	$\frac{1}{10}, \frac{4}{15}$
1	$0, \frac{1}{10}$	1	$\frac{1}{6}, \frac{3}{10}$	1	$0, \frac{1}{10}$	2	$\frac{1}{5}, \frac{1}{3}$
1	$0, \frac{1}{10}$	-1	$\frac{3}{10}, \frac{1}{3}$	1	$0, \frac{1}{5}$	$-\frac{1}{2}$	$\frac{3}{10}, \frac{1}{3}$
1	$0, \frac{2}{15}$	1	$\frac{4}{15}, \frac{11}{30}$	1	$0, \frac{1}{10}$	2	$\frac{1}{6}, \frac{2}{5}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{1}{10}$	2	$\frac{1}{3}, \frac{2}{5}$	1	$0, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{13}{30}$	1	$0, \frac{1}{30}$	1	$\frac{1}{15}, \frac{7}{15}$
1	$0, \frac{7}{30}$	-1	$\frac{4}{15}, \frac{7}{15}$	1	$0, \frac{2}{15}$	1	$\frac{3}{10}, \frac{7}{15}$
$ D \equiv 79 \pmod{120}$							
1	$0, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{1}{5}$	1	$0, \frac{1}{30}$	1	$\frac{2}{15}, \frac{4}{15}$
1	$0, \frac{1}{15}$	1	$\frac{1}{6}, \frac{4}{15}$	1	$0, \frac{1}{10}$	1	$\frac{1}{6}, \frac{3}{10}$
-1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{2}{15}, \frac{1}{3}$	$\frac{1}{3}$	$0, \frac{1}{10}$	$\frac{2}{3}$	$\frac{1}{5}, \frac{1}{3}$
$-\frac{1}{2}$	$\frac{1}{10}, \frac{1}{6}$	1	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{1}{3}$
-1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{3}$
1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{1}{3}$	1	$\frac{1}{10}, \frac{1}{6}$	1	$\frac{3}{10}, \frac{1}{3}$
2	$0, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{1}{10}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{1}{3}$
-2	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	1	$\frac{3}{10}, \frac{1}{3}$
$\frac{2}{3}$	$\frac{1}{5}, \frac{3}{10}$	1	$\frac{3}{10}, \frac{1}{3}$	1	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$
1	$0, \frac{1}{30}$	1	$\frac{1}{6}, \frac{11}{30}$	1	$0, \frac{1}{15}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{11}{30}$
1	$0, \frac{2}{15}$	1	$\frac{4}{15}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{11}{30}$
1	$\frac{2}{15}, \frac{4}{15}$	-1	$\frac{1}{3}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{11}{30}$
1	$0, \frac{1}{10}$	2	$\frac{1}{6}, \frac{2}{5}$	-1	$0, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{2}{5}$	$\frac{1}{3}$	$0, \frac{3}{10}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{2}{5}$
$\frac{1}{4}$	$\frac{1}{10}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$
$\frac{1}{3}$	$\frac{1}{5}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$	$\frac{1}{3}$	$\frac{1}{10}, \frac{1}{3}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{1}{3}, \frac{2}{5}$	1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{13}{30}$
1	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	1	$0, \frac{2}{15}$	-1	$\frac{4}{15}, \frac{13}{30}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{7}{30}, \frac{1}{3}$	$-\frac{1}{2}$	$\frac{1}{3}, \frac{13}{30}$	1	$0, \frac{2}{15}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$
1	$\frac{2}{15}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$	1	$0, \frac{1}{30}$	1	$\frac{1}{15}, \frac{7}{15}$
1	$0, \frac{2}{15}$	1	$\frac{1}{6}, \frac{7}{15}$	1	$0, \frac{1}{15}$	1	$\frac{7}{30}, \frac{7}{15}$
1	$0, \frac{7}{30}$	-1	$\frac{4}{15}, \frac{7}{15}$	1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$
1	$\frac{2}{15}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{7}{15}$	1	$0, \frac{1}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$
1	$0, \frac{4}{15}$	1	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{4}{15}, \frac{1}{3}$	-1	$\frac{11}{30}, \frac{7}{15}$	1	$0, \frac{1}{15}$	-1	$\frac{4}{15}, \frac{1}{2}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{1}{30}$	-1	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{10}, \frac{1}{3}$	2	$\frac{2}{5}, \frac{1}{2}$	1	$\frac{1}{5}, \frac{1}{3}$	1	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$	1	$0, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{13}{30}, \frac{1}{2}$	1	$0, \frac{2}{15}$	-1	$\frac{7}{15}, \frac{1}{2}$
1	$\frac{2}{15}, \frac{1}{3}$	1	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 83 \pmod{120}$							
1	$0, \frac{1}{15}$	-1	$\frac{2}{15}, \frac{7}{30}$	-1	$\frac{1}{15}, \frac{1}{10}$	-1	$\frac{2}{15}, \frac{7}{30}$
1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{4}{15}, \frac{3}{10}$	1	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$
$\frac{1}{2}$	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{11}{30}$	$\frac{-1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{11}{30}$
1	$0, \frac{1}{30}$	1	$\frac{1}{6}, \frac{11}{30}$	-1	$\frac{1}{30}, \frac{1}{10}$	1	$\frac{1}{6}, \frac{11}{30}$
$\frac{1}{2}$	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$	$\frac{-1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$
-1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{3}{10}, \frac{11}{30}$	$\frac{-1}{2}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$
1	$0, \frac{1}{30}$	1	$\frac{1}{3}, \frac{11}{30}$	-1	$\frac{1}{30}, \frac{1}{10}$	1	$\frac{1}{3}, \frac{11}{30}$
-1	$\frac{1}{30}, \frac{3}{10}$	1	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{2}{5}$
$\frac{1}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{3}, \frac{2}{5}$	$\frac{-1}{2}$	$\frac{1}{5}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{30}, \frac{1}{5}$	1	$\frac{11}{30}, \frac{2}{5}$	1	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$
1	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{13}{30}$	1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{10}{30}, \frac{13}{30}$
$\frac{-1}{2}$	$\frac{7}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{13}{30}$	1	$0, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$
1	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{7}{30}, \frac{3}{10}$	1	$\frac{1}{3}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{1}{5}$	-1	$\frac{11}{30}, \frac{13}{30}$	-2	$\frac{1}{5}, \frac{4}{15}$	1	$\frac{11}{30}, \frac{13}{30}$
-1	$\frac{1}{5}, \frac{7}{30}$	-1	$\frac{2}{5}, \frac{13}{30}$	1	$0, \frac{1}{15}$	1	$\frac{11}{30}, \frac{7}{15}$
-1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{11}{30}, \frac{7}{15}$	-1	$\frac{1}{15}, \frac{3}{10}$	1	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{7}{30}, \frac{11}{30}$	-2	$\frac{2}{5}, \frac{7}{15}$	1	$0, \frac{4}{15}$	1	$\frac{13}{30}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{4}{15}$	1	$\frac{13}{30}, \frac{7}{15}$	-1	$\frac{4}{15}, \frac{3}{10}$	1	$\frac{13}{30}, \frac{7}{15}$
$\frac{-1}{2}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$	-1	$0, \frac{1}{30}$	1	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{1}{10}$	1	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{3}{10}$	1	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{30}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{1}{5}, \frac{1}{3}$	1	$\frac{2}{5}, \frac{1}{2}$	-1	$0, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$	$\frac{-1}{2}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$\frac{7}{30}, \frac{3}{10}$	1	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$	1	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{11}{30}$	1	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{4}{15}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{2}$		$\frac{1}{2}$	
$ D \equiv 91 \pmod{120}$							
1	0, $\frac{1}{30}$	-1	$\frac{1}{15}, \frac{2}{15}$	1	0, $\frac{1}{15}$	-1	$\frac{2}{15}, \frac{7}{30}$
1	0, $\frac{1}{15}$	1	$\frac{1}{10}, \frac{4}{15}$	$\frac{1}{3}$	0, $\frac{1}{15}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{4}{15}$
$\frac{-1}{2}$	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{1}{6}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$
$\frac{-1}{4}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{6}, \frac{4}{15}$	1	0, $\frac{1}{15}$	-1	$\frac{4}{15}, \frac{3}{10}$
$\frac{-1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{-1}{2}$	$\frac{4}{15}, \frac{3}{10}$	1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{4}{15}, \frac{1}{3}$
-1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{3}$	-1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{4}{15}, \frac{1}{3}$
$\frac{-1}{2}$	$\frac{1}{30}, \frac{7}{30}$	1	$\frac{4}{15}, \frac{1}{3}$	-1	$\frac{2}{15}, \frac{7}{30}$	1	$\frac{4}{15}, \frac{1}{3}$
1	0, $\frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$	1	0, $\frac{1}{30}$	1	$\frac{1}{10}, \frac{11}{30}$
$\frac{1}{3}$	0, $\frac{1}{30}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{11}{30}$	$\frac{-1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{11}{30}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{11}{30}$	$\frac{-1}{4}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{6}, \frac{11}{30}$
1	0, $\frac{2}{15}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{11}{30}$	$\frac{-1}{2}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{11}{30}$
1	0, $\frac{1}{30}$	1	$\frac{3}{10}, \frac{11}{30}$	$\frac{-1}{2}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{3}, \frac{11}{30}$	-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{11}{30}$
-1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{1}{3}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{11}{30}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{3}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{5}, \frac{2}{5}$
$\frac{1}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{2}{5}$	-1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{5}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$
1	0, $\frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$
1	0, $\frac{2}{15}$	1	$\frac{4}{15}, \frac{13}{30}$	$\frac{-1}{2}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{13}{30}$
1	0, $\frac{7}{30}$	1	$\frac{3}{10}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{13}{30}$
-1	$\frac{1}{10}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{13}{30}$	1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$
1	$\frac{2}{15}, \frac{4}{15}$	-1	$\frac{1}{3}, \frac{13}{30}$	1	$\frac{7}{30}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{7}{30}, \frac{1}{3}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{13}{30}$	1	0, $\frac{1}{15}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$
$\frac{-1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{11}{30}, \frac{13}{30}$	1	0, $\frac{4}{15}$	$\frac{-1}{2}$	$\frac{11}{30}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$	$\frac{-1}{4}$	$\frac{11}{30}, \frac{13}{30}$	1	$\frac{1}{15}, \frac{1}{3}$	$\frac{-1}{2}$	$\frac{11}{30}, \frac{13}{30}$
1	$\frac{4}{15}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$	$\frac{1}{3}$	0, $\frac{2}{15}$	$\frac{1}{3}$	$\frac{1}{6}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{7}{15}$	$\frac{-1}{4}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{4}$	$\frac{1}{6}, \frac{7}{15}$
1	0, $\frac{1}{30}$	1	$\frac{4}{15}, \frac{7}{15}$	$\frac{-1}{2}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{7}{15}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{2}{15}$	1	$\frac{3}{10}, \frac{7}{15}$	$-\frac{1}{2}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{7}{15}$
-1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$	-1	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{1}{3}, \frac{7}{15}$
-1	$\frac{1}{15}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{7}{15}$	1	$\frac{1}{30}, \frac{4}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$
1	$\frac{2}{15}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{7}{15}$	1	$0, \frac{1}{15}$	1	$\frac{11}{30}, \frac{7}{15}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{7}{15}$	1	$0, \frac{4}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{3}$	-1	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{4}{15}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{7}{15}$	1	$0, \frac{1}{15}$	-1	$\frac{13}{30}, \frac{7}{15}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$-\frac{1}{2}$	$\frac{13}{30}, \frac{7}{15}$	1	$0, \frac{4}{15}$	1	$\frac{13}{30}, \frac{7}{15}$
$\frac{1}{2}$	$\frac{1}{6}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{13}{30}, \frac{7}{15}$
1	$\frac{4}{15}, \frac{1}{3}$	-1	$\frac{13}{30}, \frac{7}{15}$	-1	$0, \frac{1}{15}$	1	$\frac{4}{15}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$
$-\frac{1}{4}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{2}{15}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$	-1	$0, \frac{1}{30}$	1	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{30}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{30}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{5}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{2}{5}, \frac{1}{2}$
-1	$0, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{2}{15}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$\frac{1}{3}$	$\frac{7}{30}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
-1	$0, \frac{2}{15}$	1	$\frac{7}{15}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$-\frac{1}{2}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{4}{15}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{2}{15}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{3}$	$\frac{2}{15}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{4}$	$\frac{7}{30}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{30}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{2}{30}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$	2	$\frac{1}{15}, \frac{1}{30}$	2	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 103 \pmod{120}$							
-1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{1}{5}$
-1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{1}{15}, \frac{7}{30}$	1	$0, \frac{1}{30}$	1	$\frac{2}{15}, \frac{4}{15}$
1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{1}{6}, \frac{4}{15}$	1	$0, \frac{1}{10}$	1	$\frac{1}{6}, \frac{3}{10}$
3	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{3}{10}$	3	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{3}{10}$
1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{4}{15}, \frac{3}{10}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{15}$	$\frac{1}{2}$	$\frac{2}{15}, \frac{1}{3}$
$\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{5}, \frac{1}{3}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{3}$
$\frac{1}{2}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{3}$	1	$\frac{1}{10}, \frac{1}{6}$	1	$\frac{3}{10}, \frac{1}{3}$
1	$0, \frac{1}{5}$	$\frac{-1}{2}$	$\frac{3}{10}, \frac{1}{3}$	1	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{1}{3}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	1	$\frac{3}{10}, \frac{1}{3}$	1	$\frac{1}{5}, \frac{3}{10}$	$\frac{3}{2}$	$\frac{3}{10}, \frac{1}{3}$
1	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$	1	$0, \frac{1}{30}$	1	$\frac{1}{6}, \frac{11}{30}$
2	$0, \frac{1}{15}$	1	$\frac{7}{30}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{7}{30}, \frac{11}{30}$
2	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{7}{30}, \frac{11}{30}$	-1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{4}{15}, \frac{11}{30}$
1	$0, \frac{2}{15}$	1	$\frac{4}{15}, \frac{11}{30}$	-1	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{11}{30}$	1	$\frac{2}{15}, \frac{4}{15}$	-1	$\frac{1}{3}, \frac{11}{30}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{3}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{11}{30}$	$\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{6}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{2}{5}$	2	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{6}$	2	$\frac{3}{10}, \frac{2}{5}$	1	$\frac{1}{6}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{2}{5}$
$\frac{1}{2}$	$0, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{6}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{5}, \frac{3}{10}$	-3	$\frac{1}{3}, \frac{2}{5}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{30}, \frac{1}{5}$	1	$\frac{11}{30}, \frac{2}{5}$
1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{13}{30}$	-1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{2}{15}, \frac{13}{30}$
1	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	1	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{13}{30}$
1	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{13}{30}$	1	$\frac{1}{15}, \frac{7}{30}$	1	$\frac{4}{15}, \frac{13}{30}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{7}{30}, \frac{1}{3}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{13}{30}$	-2	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{11}{30}, \frac{13}{30}$
2	$0, \frac{2}{15}$	-1	$\frac{11}{30}, \frac{13}{30}$	2	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{7}{30}$	1	$\frac{11}{30}, \frac{13}{30}$	$\frac{2}{3}$	$\frac{2}{15}, \frac{1}{3}$	$\frac{1}{3}$	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{4}{15}, \frac{11}{30}$	1	$\frac{11}{30}, \frac{13}{30}$	-1	$\frac{1}{5}, \frac{7}{30}$	-1	$\frac{2}{5}, \frac{13}{30}$
1	$0, \frac{1}{30}$	1	$\frac{1}{15}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{2}{15}, \frac{7}{15}$
1	$\frac{2}{15}, \frac{1}{6}$	-1	$\frac{1}{6}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{7}{30}, \frac{7}{15}$
1	$0, \frac{7}{30}$	-1	$\frac{4}{15}, \frac{7}{15}$	-1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{3}{10}, \frac{7}{15}$
1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{3}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{7}{15}$
$\frac{1}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{-2}{3}$	$\frac{1}{3}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{-1}{2}$	$\frac{1}{3}, \frac{7}{15}$
1	$0, \frac{1}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$	-1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$
-1	$\frac{1}{15}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$	-1	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{7}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{3}$	$\frac{-1}{2}$	$\frac{11}{30}, \frac{7}{15}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-1	$\frac{7}{30}, \frac{11}{30}$	-2	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{2}{15}, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{7}{15}$
-1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{2}{15}, \frac{1}{2}$	1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{1}{2}$
1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{1}{2}$	1	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{1}{2}$	1	$0, \frac{1}{30}$	-1	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{1}{2}$	-1	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{3}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{3}{10}, \frac{1}{3}$	-1	$\frac{2}{5}, \frac{1}{2}$	1	$0, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{13}{30}, \frac{1}{2}$	1	$\frac{2}{15}, \frac{1}{6}$	1	$\frac{7}{15}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{7}{15}, \frac{1}{2}$	1	$\frac{1}{15}, \frac{7}{30}$	1	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{2}{15}, \frac{1}{3}$	1	$\frac{7}{15}, \frac{1}{2}$	1	$\frac{4}{15}, \frac{11}{30}$	1	$\frac{7}{15}, \frac{1}{2}$
-1	$\frac{11}{30}, \frac{13}{30}$	2	$\frac{7}{15}, \frac{1}{2}$	1	$\frac{2}{15}, \frac{7}{15}$	2	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 107 \pmod{120}$							
1	$0, \frac{1}{15}$	-1	$\frac{2}{15}, \frac{7}{30}$	-1	$\frac{1}{15}, \frac{1}{10}$	-1	$\frac{2}{15}, \frac{7}{30}$
1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{4}{15}, \frac{3}{10}$	1	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{11}{30}$
$\frac{1}{2}$	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{11}{30}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{11}{30}$
1	$0, \frac{1}{30}$	1	$\frac{1}{6}, \frac{11}{30}$	-1	$\frac{1}{30}, \frac{1}{10}$	1	$\frac{1}{6}, \frac{11}{30}$
$\frac{1}{2}$	$0, \frac{1}{30}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$
-1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{3}{10}, \frac{11}{30}$	$-\frac{1}{2}$	$\frac{1}{30}, \frac{3}{10}$	1	$\frac{3}{10}, \frac{11}{30}$
1	$0, \frac{1}{30}$	1	$\frac{1}{3}, \frac{11}{30}$	-1	$\frac{1}{30}, \frac{1}{10}$	1	$\frac{1}{3}, \frac{11}{30}$
-1	$\frac{1}{30}, \frac{3}{10}$	1	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{2}{5}$
$\frac{1}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{3}, \frac{2}{5}$	$-\frac{1}{2}$	$\frac{1}{5}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{30}, \frac{1}{5}$	1	$\frac{11}{30}, \frac{2}{5}$	1	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$
1	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$0, \frac{7}{30}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{13}{30}$	1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{3}{10}, \frac{13}{30}$
$-\frac{1}{2}$	$\frac{7}{30}, \frac{3}{10}$	$\frac{1}{2}$	$\frac{3}{10}, \frac{13}{30}$	1	$0, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$
1	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{7}{30}, \frac{3}{10}$	1	$\frac{1}{3}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{1}{5}$	-1	$\frac{11}{30}, \frac{13}{30}$	-2	$\frac{1}{5}, \frac{4}{15}$	1	$\frac{11}{30}, \frac{13}{30}$
-1	$\frac{1}{5}, \frac{7}{30}$	-1	$\frac{2}{5}, \frac{13}{30}$	1	$0, \frac{1}{15}$	1	$\frac{11}{30}, \frac{7}{15}$
-1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{11}{30}, \frac{7}{15}$	-1	$\frac{1}{15}, \frac{3}{10}$	1	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{7}{30}, \frac{11}{30}$	-2	$\frac{2}{5}, \frac{7}{15}$	1	$0, \frac{4}{15}$	1	$\frac{13}{30}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{4}{15}$	1	$\frac{13}{30}, \frac{7}{15}$	-1	$\frac{4}{15}, \frac{3}{10}$	1	$\frac{13}{30}, \frac{7}{15}$

Table 1: $e = 1$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$-\frac{1}{2}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{1}{2}$	$\frac{4}{15}, \frac{1}{2}$	-1	$0, \frac{1}{30}$	1	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{1}{10}$	1	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{3}{10}$	1	$\frac{11}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{1}{30}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{1}{5}, \frac{1}{3}$	1	$\frac{2}{5}, \frac{1}{2}$	-1	$0, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$	$-\frac{1}{2}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{7}{30}, \frac{3}{10}$	1	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{1}{3}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$
$\frac{1}{4}$	$\frac{7}{30}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{13}{30}, \frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{15}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$
$\frac{1}{2}$	$\frac{4}{15}, \frac{13}{30}$	$\frac{1}{2}$	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 119 \pmod{120}$							
1	$0, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{1}{5}$	1	$0, \frac{1}{15}$	1	$\frac{1}{10}, \frac{4}{15}$
1	$0, \frac{1}{10}$	1	$\frac{1}{6}, \frac{3}{10}$	1	$0, \frac{1}{10}$	2	$\frac{1}{5}, \frac{1}{3}$
1	$0, \frac{1}{10}$	-1	$\frac{3}{10}, \frac{1}{3}$	1	$0, \frac{1}{5}$	$-\frac{1}{2}$	$\frac{3}{10}, \frac{1}{3}$
1	$0, \frac{2}{15}$	1	$\frac{4}{15}, \frac{11}{30}$	1	$0, \frac{1}{10}$	2	$\frac{1}{6}, \frac{2}{5}$
1	$0, \frac{1}{10}$	2	$\frac{1}{3}, \frac{2}{5}$	1	$0, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{13}{30}$	1	$0, \frac{1}{30}$	1	$\frac{1}{15}, \frac{7}{15}$
1	$0, \frac{7}{30}$	-1	$\frac{4}{15}, \frac{7}{15}$	1	$0, \frac{2}{15}$	1	$\frac{3}{10}, \frac{7}{15}$

For the case $e = 3$ there were 1109 formulae, given below.

Table 2: Two Term Dirichlet Type Formulae, $e = 3$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 1 \pmod{12}$							
2	$0, \frac{1}{9}$	2	$\frac{2}{9}, \frac{4}{9}$				
$ D \equiv 5 \pmod{12}$							
-2	$0, \frac{1}{9}$	-2	$\frac{2}{9}, \frac{4}{9}$	1	$\frac{1}{9}, \frac{2}{9}$	-1	$\frac{1}{3}, \frac{4}{9}$
$ D \equiv 1 \pmod{24}$							
$\frac{2}{3}$	$0, \frac{1}{12}$	$-\frac{2}{3}$	$\frac{1}{6}, \frac{1}{4}$	1	$0, \frac{1}{12}$	1	$\frac{1}{4}, \frac{1}{3}$
$\frac{1}{2}$	$0, \frac{1}{12}$	$-\frac{1}{2}$	$\frac{1}{6}, \frac{5}{12}$	$\frac{2}{3}$	$0, \frac{1}{12}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{5}{12}$
1	$0, \frac{1}{4}$	-1	$\frac{1}{3}, \frac{5}{12}$	2	$0, \frac{1}{12}$	2	$\frac{1}{4}, \frac{1}{2}$
2	$\frac{1}{12}, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{1}{2}$	1	$0, \frac{1}{12}$	1	$\frac{5}{12}, \frac{1}{2}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$0, \frac{1}{4}$	2	$\frac{5}{12}, \frac{1}{2}$	-2	$\frac{1}{12}, \frac{1}{3}$	2	$\frac{5}{12}, \frac{1}{2}$
$ D \equiv 13 \pmod{24}$							
2	$0, \frac{1}{12}$	2	$\frac{1}{4}, \frac{1}{3}$	-2	$\frac{1}{12}, \frac{1}{6}$	2	$\frac{1}{4}, \frac{1}{3}$
2	$0, \frac{1}{12}$	-2	$\frac{1}{3}, \frac{5}{12}$	-2	$\frac{1}{12}, \frac{1}{6}$	-2	$\frac{1}{3}, \frac{5}{12}$
2	$0, \frac{1}{4}$	-2	$\frac{1}{3}, \frac{5}{12}$	2	$\frac{1}{6}, \frac{1}{4}$	-2	$\frac{1}{3}, \frac{5}{12}$
2	$\frac{1}{12}, \frac{1}{3}$	-2	$\frac{5}{12}, \frac{1}{2}$	2	$\frac{1}{4}, \frac{1}{3}$	-2	$\frac{5}{12}, \frac{1}{2}$
$ D \equiv 1 \pmod{60}$							
2	$0, \frac{1}{15}$	2	$\frac{2}{15}, \frac{2}{5}$	2	$0, \frac{1}{15}$	2	$\frac{1}{5}, \frac{7}{15}$
2	$0, \frac{4}{15}$	2	$\frac{2}{5}, \frac{7}{15}$				
$ D \equiv 13 \pmod{60}$							
-2	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{2}{5}$
2	$\frac{1}{15}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{4}{15}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{7}{15}$
$ D \equiv 17 \pmod{60}$							
2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$				
$ D \equiv 29 \pmod{60}$							
2	$0, \frac{1}{15}$	2	$\frac{2}{15}, \frac{1}{5}$	-2	$0, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{2}{5}$
1	$\frac{2}{15}, \frac{4}{15}$	-1	$\frac{1}{3}, \frac{2}{5}$				
$ D \equiv 37 \pmod{60}$							
-2	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{2}{5}$
2	$\frac{1}{15}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{4}{15}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{7}{15}$
$ D \equiv 41 \pmod{60}$							
2	$0, \frac{1}{15}$	2	$\frac{2}{15}, \frac{1}{5}$	-2	$0, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{2}{5}$
1	$\frac{2}{15}, \frac{4}{15}$	-1	$\frac{1}{3}, \frac{2}{5}$				
$ D \equiv 49 \pmod{60}$							
2	$0, \frac{1}{15}$	2	$\frac{2}{15}, \frac{2}{5}$	2	$0, \frac{1}{15}$	2	$\frac{1}{5}, \frac{7}{15}$
2	$0, \frac{4}{15}$	2	$\frac{2}{5}, \frac{7}{15}$				
$ D \equiv 53 \pmod{60}$							
2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$				
$ D \equiv 1 \pmod{24}$							

Table 2: $e = 3$ (continued)

\mathcal{Q}_1	$\mathcal{Q}_1, \mathcal{Q}_2$	\mathcal{C}_2	$\mathcal{Q}_3, \mathcal{Q}_4$	$\mathcal{Q}_1, \mathcal{Q}_2$	\mathcal{C}_2	$\mathcal{Q}_3, \mathcal{Q}_4$
3	$0, \frac{1}{18}$	1	$\frac{2}{9}, \frac{1}{3}$	1	$0, \frac{1}{9}$	$\frac{5}{18}, \frac{1}{3}$
2	$0, \frac{1}{18}$	2	$\frac{1}{9}, \frac{7}{18}$	2	$\frac{1}{18}, \frac{1}{9}$	$-\frac{2}{6}, \frac{7}{18}$
1	$0, \frac{1}{18}$	1	$\frac{5}{18}, \frac{7}{18}$	2	$0, \frac{2}{9}$	$\frac{5}{18}, \frac{7}{18}$
-2	$\frac{1}{6}, \frac{2}{9}$	-2	$\frac{5}{18}, \frac{7}{18}$	-2	$\frac{1}{9}, \frac{2}{9}$	$-\frac{2}{3}, \frac{7}{18}$
-2	$\frac{1}{18}, \frac{5}{18}$	2	$\frac{1}{3}, \frac{7}{18}$	-1	$\frac{1}{18}, \frac{1}{9}$	$-\frac{1}{6}, \frac{4}{9}$
2	$\frac{1}{9}, \frac{1}{6}$	-2	$\frac{2}{9}, \frac{4}{9}$	-2	$\frac{1}{18}, \frac{1}{9}$	$-\frac{1}{3}, \frac{4}{9}$
-1	$\frac{1}{18}, \frac{5}{18}$	-1	$\frac{1}{3}, \frac{4}{9}$	-2	$\frac{2}{9}, \frac{5}{18}$	$-\frac{1}{3}, \frac{4}{9}$
-4	$\frac{1}{18}, \frac{1}{9}$	-2	$\frac{7}{18}, \frac{4}{9}$	-4	$\frac{1}{9}, \frac{2}{9}$	$\frac{7}{18}, \frac{4}{9}$
$-\frac{4}{3}$	$\frac{1}{18}, \frac{5}{18}$	$-\frac{2}{3}$	$\frac{7}{18}, \frac{4}{9}$	-4	$\frac{2}{9}, \frac{5}{18}$	$-\frac{2}{7}, \frac{4}{9}$
4	$0, \frac{7}{18}$	2	$\frac{7}{18}, \frac{4}{9}$	$-\frac{4}{3}$	$\frac{1}{6}, \frac{7}{18}$	$-\frac{2}{3}, \frac{4}{9}$
-4	$\frac{1}{3}, \frac{7}{18}$	-2	$\frac{7}{18}, \frac{4}{9}$	2	$0, \frac{1}{18}$	$\frac{2}{9}, \frac{1}{2}$
2	$\frac{1}{18}, \frac{1}{6}$	-2	$\frac{2}{9}, \frac{1}{2}$	2	$0, \frac{1}{9}$	$\frac{5}{18}, \frac{1}{2}$
2	$\frac{1}{9}, \frac{1}{6}$	-2	$\frac{5}{18}, \frac{1}{2}$	-2	$\frac{1}{18}, \frac{1}{9}$	$-\frac{2}{7}, \frac{1}{2}$
-1	$\frac{1}{18}, \frac{5}{18}$	-1	$\frac{7}{18}, \frac{1}{2}$	-2	$\frac{2}{9}, \frac{5}{18}$	$-\frac{2}{7}, \frac{1}{2}$
-2	$\frac{1}{9}, \frac{2}{9}$	-2	$\frac{4}{9}, \frac{1}{2}$	-2	$\frac{1}{18}, \frac{5}{18}$	$\frac{4}{9}, \frac{1}{2}$
2	$0, \frac{7}{18}$	-2	$\frac{4}{9}, \frac{1}{2}$	-2	$\frac{1}{6}, \frac{7}{18}$	$\frac{4}{9}, \frac{1}{2}$
-2	$\frac{7}{18}, \frac{4}{9}$	-4	$\frac{4}{9}, \frac{1}{2}$			
$ D \equiv 5 \pmod{24}$						
2	$\frac{1}{9}, \frac{2}{9}$	-2	$\frac{2}{9}, \frac{5}{18}$	2	$\frac{1}{18}, \frac{2}{9}$	$-\frac{4}{9}, \frac{7}{18}$
2	$\frac{1}{18}, \frac{5}{18}$	-2	$\frac{1}{3}, \frac{7}{18}$	2	$\frac{1}{9}, \frac{1}{6}$	$-\frac{2}{9}, \frac{4}{9}$
-2	$\frac{1}{18}, \frac{2}{9}$	-4	$\frac{2}{9}, \frac{4}{9}$	$\frac{2}{3}$	$\frac{1}{9}, \frac{5}{18}$	$-\frac{4}{3}, \frac{4}{9}$
2	$\frac{2}{9}, \frac{5}{18}$	-2	$\frac{1}{3}, \frac{4}{9}$	-4	$0, \frac{1}{9}$	$-\frac{2}{7}, \frac{4}{9}$
4	$\frac{1}{9}, \frac{1}{6}$	-2	$\frac{7}{18}, \frac{4}{9}$	$\frac{4}{3}$	$\frac{1}{9}, \frac{1}{3}$	$-\frac{2}{3}, \frac{4}{9}$
-4	$\frac{1}{18}, \frac{7}{18}$	-6	$\frac{7}{18}, \frac{4}{9}$	-4	$\frac{2}{9}, \frac{7}{18}$	$-\frac{2}{7}, \frac{4}{9}$
2	$\frac{1}{9}, \frac{2}{9}$	2	$\frac{4}{9}, \frac{1}{2}$	2	$\frac{1}{9}, \frac{5}{18}$	$\frac{4}{9}, \frac{1}{2}$
$ D \equiv 13 \pmod{24}$						
-2	$\frac{1}{9}, \frac{2}{9}$	2	$\frac{2}{9}, \frac{5}{18}$	-2	$\frac{1}{18}, \frac{2}{9}$	$\frac{2}{9}, \frac{7}{18}$
2	$\frac{1}{18}, \frac{5}{18}$	-2	$\frac{1}{3}, \frac{7}{18}$	-2	$\frac{1}{9}, \frac{1}{6}$	$\frac{2}{9}, \frac{4}{9}$
2	$\frac{1}{18}, \frac{2}{9}$	4	$\frac{2}{9}, \frac{4}{9}$	2	$\frac{1}{9}, \frac{5}{18}$	$-\frac{4}{3}, \frac{4}{9}$
2	$\frac{2}{9}, \frac{5}{18}$	-2	$\frac{1}{3}, \frac{4}{9}$	4	$0, \frac{1}{9}$	$\frac{7}{18}, \frac{4}{9}$
-4	$\frac{1}{9}, \frac{1}{6}$	2	$\frac{7}{18}, \frac{4}{9}$	4	$\frac{1}{9}, \frac{1}{3}$	$-\frac{2}{7}, \frac{4}{9}$
4	$\frac{2}{9}, \frac{7}{18}$	2	$\frac{7}{18}, \frac{4}{9}$	-2	$\frac{1}{9}, \frac{2}{9}$	$-\frac{2}{4}, \frac{1}{2}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{1}{9}, \frac{5}{18}$	-4	$\frac{4}{9}, \frac{1}{2}$				
$ D \equiv 17 \pmod{24}$							
2	$0, \frac{1}{18}$	-2	$\frac{1}{6}, \frac{2}{9}$	2	$0, \frac{1}{9}$	-2	$\frac{1}{6}, \frac{5}{18}$
1	$\frac{1}{9}, \frac{1}{6}$	-1	$\frac{5}{18}, \frac{1}{3}$	-2	$0, \frac{1}{18}$	-2	$\frac{1}{9}, \frac{7}{18}$
$\frac{2}{3}$	$\frac{1}{18}, \frac{1}{9}$	$\frac{-2}{3}$	$\frac{1}{6}, \frac{7}{18}$	-1	$0, \frac{1}{18}$	-1	$\frac{5}{18}, \frac{7}{18}$
$\frac{1}{2}$	$\frac{1}{18}, \frac{1}{6}$	$\frac{-1}{2}$	$\frac{5}{18}, \frac{7}{18}$	-2	$0, \frac{1}{9}$	-2	$\frac{5}{18}, \frac{7}{18}$
$\frac{-2}{3}$	$\frac{1}{6}, \frac{2}{9}$	$\frac{-2}{3}$	$\frac{5}{18}, \frac{7}{18}$	1	$\frac{1}{18}, \frac{1}{9}$	-1	$\frac{1}{3}, \frac{7}{18}$
-2	$\frac{1}{9}, \frac{2}{9}$	-2	$\frac{1}{3}, \frac{7}{18}$	$\frac{2}{3}$	$\frac{1}{18}, \frac{5}{18}$	$\frac{-2}{3}$	$\frac{1}{3}, \frac{7}{18}$
1	$\frac{2}{9}, \frac{5}{18}$	-1	$\frac{1}{3}, \frac{7}{18}$	-1	$\frac{1}{18}, \frac{1}{9}$	-1	$\frac{1}{6}, \frac{4}{9}$
$\frac{2}{3}$	$\frac{1}{9}, \frac{1}{6}$	$\frac{-2}{3}$	$\frac{2}{9}, \frac{4}{9}$	-2	$\frac{1}{18}, \frac{1}{9}$	-2	$\frac{1}{3}, \frac{4}{9}$
-2	$\frac{2}{9}, \frac{5}{18}$	-2	$\frac{1}{3}, \frac{4}{9}$	4	$\frac{1}{18}, \frac{1}{9}$	2	$\frac{7}{18}, \frac{4}{9}$
4	$\frac{1}{9}, \frac{2}{9}$	-2	$\frac{7}{18}, \frac{4}{9}$	$\frac{4}{3}$	$\frac{1}{18}, \frac{5}{18}$	$\frac{2}{3}$	$\frac{7}{18}, \frac{4}{9}$
4	$\frac{2}{9}, \frac{5}{18}$	2	$\frac{7}{18}, \frac{4}{9}$	-4	$0, \frac{7}{18}$	-2	$\frac{7}{18}, \frac{4}{9}$
$\frac{-4}{5}$	$\frac{1}{6}, \frac{7}{18}$	$\frac{-2}{5}$	$\frac{7}{18}, \frac{4}{9}$	$\frac{-4}{3}$	$\frac{1}{3}, \frac{7}{18}$	$\frac{-2}{3}$	$\frac{7}{18}, \frac{4}{9}$
-2	$0, \frac{1}{18}$	-2	$\frac{2}{9}, \frac{1}{2}$	$\frac{2}{3}$	$\frac{1}{18}, \frac{1}{6}$	$\frac{-2}{3}$	$\frac{2}{9}, \frac{1}{2}$
-2	$0, \frac{1}{9}$	-2	$\frac{5}{18}, \frac{1}{2}$	$\frac{2}{3}$	$\frac{1}{9}, \frac{1}{6}$	$\frac{-2}{3}$	$\frac{5}{18}, \frac{1}{2}$
1	$\frac{1}{18}, \frac{5}{18}$	1	$\frac{7}{18}, \frac{1}{2}$	2	$\frac{1}{18}, \frac{5}{18}$	-2	$\frac{4}{9}, \frac{1}{2}$
$\frac{-2}{3}$	$\frac{1}{6}, \frac{7}{18}$	$\frac{2}{3}$	$\frac{4}{9}, \frac{1}{2}$	-1	$\frac{1}{3}, \frac{7}{18}$	1	$\frac{4}{9}, \frac{1}{2}$
2	$\frac{7}{18}, \frac{4}{9}$	4	$\frac{4}{9}, \frac{1}{2}$				
$ D \equiv 5 \pmod{84}$							
-2	$0, \frac{1}{21}$	2	$\frac{4}{21}, \frac{5}{21}$	2	$0, \frac{2}{21}$	-2	$\frac{8}{21}, \frac{10}{21}$
$ D \equiv 13 \pmod{84}$							
2	$\frac{1}{21}, \frac{2}{21}$	-2	$\frac{1}{7}, \frac{4}{21}$	-2	$\frac{2}{21}, \frac{4}{21}$	2	$\frac{2}{7}, \frac{8}{21}$
2	$\frac{4}{21}, \frac{5}{21}$	-2	$\frac{8}{21}, \frac{3}{7}$	2	$\frac{1}{21}, \frac{5}{21}$	-2	$\frac{2}{7}, \frac{10}{21}$
2	$\frac{1}{7}, \frac{5}{21}$	-2	$\frac{8}{21}, \frac{10}{21}$	2	$\frac{1}{21}, \frac{2}{21}$	-2	$\frac{3}{7}, \frac{10}{21}$
$ D \equiv 17 \pmod{84}$							
-2	$0, \frac{1}{21}$	2	$\frac{4}{21}, \frac{5}{21}$	2	$0, \frac{2}{21}$	-2	$\frac{8}{21}, \frac{10}{21}$
$ D \equiv 29 \pmod{84}$							
2	$\frac{2}{21}, \frac{1}{3}$	2	$\frac{8}{21}, \frac{10}{21}$				
$ D \equiv 41 \pmod{84}$							
-2	$0, \frac{1}{21}$	2	$\frac{4}{21}, \frac{5}{21}$	2	$0, \frac{2}{21}$	-2	$\frac{8}{21}, \frac{10}{21}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 53 \pmod{84}$							
2	$\frac{2}{21}, \frac{1}{3}$	2	$\frac{8}{21}, \frac{10}{21}$				
$ D \equiv 61 \pmod{84}$							
2	$\frac{1}{21}, \frac{2}{21}$	-2	$\frac{1}{7}, \frac{4}{21}$	-2	$\frac{2}{21}, \frac{4}{21}$	2	$\frac{2}{7}, \frac{8}{21}$
2	$\frac{4}{21}, \frac{5}{21}$	-2	$\frac{8}{21}, \frac{3}{7}$	2	$\frac{1}{21}, \frac{5}{21}$	-2	$\frac{2}{7}, \frac{10}{21}$
2	$\frac{1}{7}, \frac{5}{21}$	-2	$\frac{8}{21}, \frac{10}{21}$	2	$\frac{1}{21}, \frac{2}{21}$	-2	$\frac{3}{7}, \frac{10}{21}$
$ D \equiv 65 \pmod{84}$							
2	$\frac{2}{21}, \frac{1}{3}$	2	$\frac{8}{21}, \frac{10}{21}$				
$ D \equiv 73 \pmod{84}$							
2	$\frac{1}{21}, \frac{2}{21}$	-2	$\frac{1}{7}, \frac{4}{21}$	-2	$\frac{2}{21}, \frac{4}{21}$	2	$\frac{2}{7}, \frac{8}{21}$
2	$\frac{4}{21}, \frac{5}{21}$	-2	$\frac{8}{21}, \frac{3}{7}$	2	$\frac{1}{21}, \frac{5}{21}$	-2	$\frac{2}{7}, \frac{10}{21}$
2	$\frac{1}{7}, \frac{5}{21}$	-2	$\frac{8}{21}, \frac{10}{21}$	2	$\frac{1}{21}, \frac{2}{21}$	-2	$\frac{3}{7}, \frac{10}{21}$
$ D \equiv 1 \pmod{24}$							
$\frac{2}{3}$	0, $\frac{1}{24}$	$-\frac{2}{3}$	$\frac{1}{6}, \frac{5}{24}$	-2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{1}{6}, \frac{7}{24}$
1	0, $\frac{1}{12}$	1	$\frac{5}{24}, \frac{7}{24}$	1	0, $\frac{1}{24}$	1	$\frac{5}{24}, \frac{1}{3}$
-2	$\frac{1}{12}, \frac{5}{24}$	-2	$\frac{7}{24}, \frac{1}{3}$	-2	$\frac{1}{24}, \frac{1}{4}$	2	$\frac{7}{24}, \frac{1}{3}$
2	0, $\frac{1}{12}$	2	$\frac{1}{8}, \frac{3}{8}$	2	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{1}{6}, \frac{3}{8}$
-2	$\frac{1}{8}, \frac{5}{24}$	-2	$\frac{7}{24}, \frac{3}{8}$	-2	$\frac{1}{8}, \frac{1}{4}$	-2	$\frac{1}{3}, \frac{3}{8}$
2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{5}{24}, \frac{5}{12}$	-1	$\frac{1}{24}, \frac{7}{24}$	-1	$\frac{1}{3}, \frac{5}{12}$
-1	$\frac{1}{24}, \frac{1}{12}$	-1	$\frac{1}{6}, \frac{11}{24}$	2	0, $\frac{1}{12}$	2	$\frac{5}{24}, \frac{11}{24}$
2	$\frac{1}{12}, \frac{1}{6}$	-2	$\frac{5}{24}, \frac{11}{24}$	-2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{1}{3}, \frac{11}{24}$
-1	$\frac{1}{24}, \frac{1}{4}$	-1	$\frac{1}{3}, \frac{11}{24}$	-2	$\frac{5}{24}, \frac{1}{4}$	-2	$\frac{1}{3}, \frac{11}{24}$
1	0, $\frac{7}{24}$	-1	$\frac{1}{3}, \frac{11}{24}$	-2	$\frac{1}{24}, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{11}{24}$
-2	$\frac{1}{12}, \frac{7}{24}$	2	$\frac{5}{12}, \frac{11}{24}$	2	0, $\frac{1}{24}$	2	$\frac{5}{24}, \frac{1}{2}$
2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{5}{24}, \frac{1}{2}$	2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{7}{24}, \frac{1}{2}$
-1	$\frac{1}{12}, \frac{5}{24}$	-1	$\frac{7}{24}, \frac{1}{2}$	2	$\frac{5}{24}, \frac{1}{4}$	-2	$\frac{7}{24}, \frac{1}{2}$
-2	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{1}{2}$	-2	$\frac{1}{24}, \frac{7}{24}$	2	$\frac{5}{12}, \frac{1}{2}$
-2	$\frac{1}{8}, \frac{3}{8}$	2	$\frac{5}{12}, \frac{1}{2}$	-2	$\frac{1}{12}, \frac{5}{24}$	-2	$\frac{11}{24}, \frac{1}{2}$
-2	$\frac{1}{24}, \frac{1}{4}$	2	$\frac{11}{24}, \frac{1}{2}$	2	0, $\frac{7}{24}$	2	$\frac{11}{24}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{7}{24}$	-2	$\frac{11}{24}, \frac{1}{2}$	-1	$\frac{1}{24}, \frac{5}{12}$	1	$\frac{11}{24}, \frac{1}{2}$
-2	$\frac{5}{24}, \frac{5}{12}$	2	$\frac{11}{24}, \frac{1}{2}$				

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 5 \pmod{24}$							
2	$0, \frac{5}{24}$	2	$\frac{7}{24}, \frac{1}{3}$	2	$\frac{1}{12}, \frac{5}{24}$	2	$\frac{7}{24}, \frac{1}{3}$
2	$\frac{1}{6}, \frac{5}{24}$	2	$\frac{7}{24}, \frac{1}{3}$	2	$0, \frac{1}{24}$	-2	$\frac{1}{3}, \frac{11}{24}$
-2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{1}{3}, \frac{11}{24}$	-2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{1}{3}, \frac{11}{24}$
2	$\frac{1}{24}, \frac{1}{3}$	2	$\frac{5}{12}, \frac{11}{24}$	2	$\frac{1}{24}, \frac{1}{3}$	-2	$\frac{11}{24}, \frac{1}{2}$
$ D \equiv 13 \pmod{24}$							
2	$0, \frac{1}{24}$	2	$\frac{5}{24}, \frac{1}{3}$	-2	$\frac{1}{24}, \frac{1}{6}$	2	$\frac{5}{24}, \frac{1}{3}$
2	$\frac{1}{24}, \frac{7}{24}$	-2	$\frac{1}{3}, \frac{5}{12}$	2	$\frac{5}{24}, \frac{7}{24}$	-2	$\frac{1}{3}, \frac{5}{12}$
2	$\frac{1}{8}, \frac{1}{3}$	-2	$\frac{3}{8}, \frac{5}{12}$	2	$0, \frac{7}{24}$	-2	$\frac{1}{3}, \frac{11}{24}$
2	$\frac{1}{6}, \frac{7}{24}$	-2	$\frac{1}{3}, \frac{11}{24}$	2	$\frac{1}{24}, \frac{1}{3}$	2	$\frac{5}{12}, \frac{11}{24}$
2	$\frac{5}{24}, \frac{1}{3}$	2	$\frac{5}{12}, \frac{11}{24}$	2	$\frac{7}{24}, \frac{1}{3}$	-2	$\frac{11}{24}, \frac{1}{2}$
$ D \equiv 17 \pmod{24}$							
-2	$\frac{1}{12}, \frac{5}{24}$	-2	$\frac{7}{24}, \frac{1}{3}$	-1	$\frac{1}{6}, \frac{5}{24}$	-1	$\frac{7}{24}, \frac{1}{3}$
-2	$\frac{1}{8}, \frac{1}{4}$	-2	$\frac{1}{3}, \frac{3}{8}$	-1	$0, \frac{5}{24}$	-1	$\frac{7}{24}, \frac{5}{12}$
$-\frac{2}{3}$	$\frac{1}{12}, \frac{5}{24}$	$-\frac{2}{3}$	$\frac{7}{24}, \frac{5}{12}$	$-\frac{1}{2}$	$\frac{1}{6}, \frac{5}{24}$	$-\frac{1}{2}$	$\frac{7}{24}, \frac{5}{12}$
1	$0, \frac{1}{24}$	-1	$\frac{1}{12}, \frac{11}{24}$	$\frac{2}{3}$	$0, \frac{1}{24}$	$-\frac{2}{3}$	$\frac{1}{6}, \frac{11}{24}$
-1	$\frac{1}{24}, \frac{1}{12}$	-1	$\frac{1}{6}, \frac{11}{24}$	-1	$\frac{1}{24}, \frac{5}{24}$	-1	$\frac{7}{24}, \frac{11}{24}$
1	$0, \frac{1}{24}$	-1	$\frac{1}{3}, \frac{11}{24}$	-2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{1}{3}, \frac{11}{24}$
1	$\frac{1}{24}, \frac{1}{6}$	1	$\frac{5}{12}, \frac{11}{24}$	-2	$0, \frac{5}{24}$	-2	$\frac{7}{24}, \frac{1}{2}$
-1	$\frac{1}{12}, \frac{5}{24}$	-1	$\frac{7}{24}, \frac{1}{2}$	$-\frac{2}{3}$	$\frac{1}{6}, \frac{5}{24}$	$-\frac{2}{3}$	$\frac{7}{24}, \frac{1}{2}$
2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{11}{24}, \frac{1}{2}$	-1	$\frac{1}{24}, \frac{5}{12}$	1	$\frac{11}{24}, \frac{1}{2}$
$ D \equiv 1 \pmod{120}$							
$\frac{2}{3}$	$0, \frac{1}{30}$	$-\frac{2}{3}$	$\frac{1}{6}, \frac{1}{5}$	1	$0, \frac{1}{30}$	1	$\frac{1}{10}, \frac{7}{30}$
1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{7}{30}$	1	$0, \frac{1}{30}$	1	$\frac{2}{15}, \frac{4}{15}$
-2	$\frac{1}{15}, \frac{1}{5}$	-2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{10}, \frac{3}{10}$
-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{3}{10}$
1	$0, \frac{1}{30}$	1	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{7}{30}, \frac{1}{3}$
-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{3}$
-2	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{3}{10}, \frac{1}{3}$
$\frac{1}{2}$	$0, \frac{1}{30}$	$-\frac{1}{2}$	$\frac{1}{6}, \frac{11}{30}$	-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{3}{10}, \frac{11}{30}$
1	$0, \frac{7}{30}$	-1	$\frac{3}{10}, \frac{11}{30}$	-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{3}{10}, \frac{11}{30}$
$\frac{2}{3}$	$0, \frac{1}{30}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{1}{3}, \frac{11}{30}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{11}{30}$	-2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$
-2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{11}{30}$	2	$0, \frac{1}{30}$	2	$\frac{1}{10}, \frac{2}{5}$
2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{2}{5}$	2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{6}, \frac{2}{5}$
-2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{4}{15}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{2}{5}$	1	$0, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{11}{15}, \frac{2}{5}$
-2	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{2}{5}$	2	$0, \frac{3}{10}$	2	$\frac{11}{30}, \frac{2}{5}$
-2	$\frac{1}{6}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{2}{5}$	-1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{6}, \frac{13}{30}$
-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{13}{30}$	2	$0, \frac{1}{10}$	2	$\frac{1}{5}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{13}{30}$	-2	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{7}{30}, \frac{13}{30}$
-2	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{13}{30}$	2	$0, \frac{7}{30}$	1	$\frac{7}{30}, \frac{13}{30}$
-2	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{7}{30}, \frac{13}{30}$	1	$0, \frac{1}{30}$	1	$\frac{3}{10}, \frac{13}{30}$
2	$0, \frac{1}{5}$	2	$\frac{3}{10}, \frac{13}{30}$	-2	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{3}{10}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{13}{30}$
2	$0, \frac{7}{30}$	2	$\frac{1}{3}, \frac{13}{30}$	-2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{13}{30}$	1	$0, \frac{1}{10}$	1	$\frac{11}{30}, \frac{13}{30}$
-2	$\frac{1}{10}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{13}{30}$	-4	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{2}{5}, \frac{13}{30}$
$\frac{4}{3}$	$0, \frac{7}{30}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{2}{5}, \frac{13}{30}$
$-\frac{4}{3}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{13}{30}$	-2	$\frac{1}{10}, \frac{3}{10}$	2	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{5}, \frac{3}{10}$	2	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{2}{5}, \frac{13}{30}$
$-\frac{4}{3}$	$\frac{1}{10}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{3}{10}, \frac{11}{30}$	-2	$\frac{2}{5}, \frac{13}{30}$
4	$0, \frac{2}{5}$	2	$\frac{2}{5}, \frac{13}{30}$	$-\frac{4}{3}$	$\frac{1}{6}, \frac{2}{5}$	$-\frac{2}{3}$	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{13}{30}$	-1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$
-1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{7}{15}$
-1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{7}{30}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	-2	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	1	$0, \frac{1}{15}$	1	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{7}{15}$
-2	$\frac{1}{6}, \frac{4}{15}$	-2	$\frac{2}{5}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{3}{10}$	2	$\frac{2}{5}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{7}{15}$	2	$0, \frac{1}{30}$	2	$\frac{1}{5}, \frac{1}{2}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{1}{2}$	-1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{7}{30}, \frac{1}{2}$
-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{7}{30}, \frac{1}{2}$
-1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{4}{15}, \frac{1}{2}$	2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{5}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{1}{2}$	1	0, $\frac{1}{30}$	1	$\frac{11}{30}, \frac{1}{2}$
2	0, $\frac{1}{5}$	2	$\frac{11}{30}, \frac{1}{2}$	-2	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{11}{30}, \frac{1}{2}$
-2	$\frac{1}{30}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{1}{2}$	-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{1}{2}$	2	0, $\frac{7}{30}$	2	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{2}{5}, \frac{1}{2}$	-2	$\frac{1}{30}, \frac{3}{10}$	2	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{10}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{1}{2}$	-2	$\frac{3}{10}, \frac{11}{30}$	-2	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{13}{30}, \frac{1}{2}$	1	0, $\frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{1}{10}, \frac{11}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$	2	0, $\frac{2}{5}$	-2	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{2}{5}$	2	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{1}{15}, \frac{1}{5}$	-2	$\frac{7}{15}, \frac{1}{2}$
-1	$\frac{1}{15}, \frac{11}{30}$	-1	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{4}{15}, \frac{2}{5}$	-2	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 13 \pmod{120}$							
2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$	2	$\frac{1}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{7}{15}$				
$ D \equiv 17 \pmod{120}$							
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{7}{30}$
1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$	1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{1}{5}, \frac{3}{10}$
1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{7}{30}, \frac{1}{3}$
2	0, $\frac{1}{5}$	2	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{7}{30}, \frac{1}{3}$
2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{1}{3}$	1	0, $\frac{1}{30}$	-1	$\frac{1}{6}, \frac{11}{30}$
1	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{1}{5}, \frac{11}{30}$	1	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{7}{30}, \frac{11}{30}$
-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{11}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{3}{10}, \frac{11}{30}$
2	0, $\frac{1}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{11}{30}$
2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$
-2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{11}{30}$	1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$
-1	$0, \frac{1}{30}$	-1	$\frac{1}{6}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{-1}{2}$	$\frac{1}{6}, \frac{2}{5}$
1	$\frac{2}{15}, \frac{1}{6}$	-1	$\frac{4}{15}, \frac{2}{5}$	-2	$0, \frac{1}{30}$	-2	$\frac{1}{3}, \frac{2}{5}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{-2}{3}$	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{30}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{30}, \frac{1}{6}$	$\frac{-1}{2}$	$\frac{11}{30}, \frac{2}{5}$
2	$\frac{1}{30}, \frac{1}{3}$	-1	$\frac{11}{30}, \frac{2}{5}$	-1	$\frac{1}{6}, \frac{11}{30}$	$\frac{-1}{2}$	$\frac{11}{30}, \frac{2}{5}$
-2	$\frac{1}{3}, \frac{11}{30}$	-1	$\frac{11}{30}, \frac{2}{5}$	-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{13}{30}$
-1	$\frac{1}{6}, \frac{1}{5}$	$\frac{-1}{2}$	$\frac{1}{5}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{1}{5}$	$\frac{-1}{2}$	$\frac{7}{30}, \frac{13}{30}$
-1	$\frac{1}{6}, \frac{7}{30}$	$\frac{-1}{2}$	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{13}{30}$
-2	$0, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{13}{30}$	$\frac{-2}{3}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{-2}{3}$	$\frac{1}{3}, \frac{13}{30}$
-2	$0, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{13}{30}$	$\frac{-2}{3}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{-2}{3}$	$\frac{1}{3}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$	1	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{13}{30}$
1	$\frac{7}{30}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{3}{10}$	-1	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	1	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{2}{5}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{13}{30}$	-1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$
1	$\frac{2}{15}, \frac{1}{6}$	-1	$\frac{3}{10}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{7}{15}$
-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{7}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{3}$	2	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{11}{30}$	1	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{13}{30}, \frac{1}{2}$				
$ D \equiv 29 \pmod{120}$							
-2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{7}{30}, \frac{4}{15}$
2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{3}{10}, \frac{1}{3}$
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$	-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{2}{5}$
2	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{4}{15}, \frac{2}{5}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{3}{10}, \frac{2}{5}$
2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	-4	$0, \frac{2}{15}$	-2	$\frac{11}{30}, \frac{2}{5}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{2}{15}, \frac{1}{3}$	$\frac{-2}{3}$	$\frac{11}{30}, \frac{2}{5}$
-4	$\frac{4}{15}, \frac{11}{30}$	-2	$\frac{11}{30}, \frac{2}{5}$	4	$0, \frac{1}{15}$	-2	$\frac{1}{5}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{13}{30}$	4	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{13}{30}$
2	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	-2	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{2}{5}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{1}{2}$	2	$\frac{2}{15}, \frac{4}{15}$	2	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{7}{15}, \frac{1}{2}$	2	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{7}{15}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{2}{5}$	-4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 37 \pmod{120}$							
2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$	2	$\frac{1}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{7}{15}$				
$ D \equiv 41 \pmod{120}$							
2	$0, \frac{1}{30}$	-2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{6}, \frac{1}{5}$
1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{7}{30}$	1	$0, \frac{1}{30}$	1	$\frac{2}{15}, \frac{4}{15}$
-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{5}, \frac{4}{15}$	2	$0, \frac{1}{30}$	-1	$\frac{1}{10}, \frac{3}{10}$
2	$0, \frac{1}{30}$	-2	$\frac{1}{5}, \frac{3}{10}$	2	$\frac{1}{30}, \frac{1}{6}$	2	$\frac{1}{5}, \frac{3}{10}$
1	$0, \frac{1}{30}$	-1	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{7}{30}, \frac{3}{10}$
1	$\frac{1}{10}, \frac{7}{30}$	-1	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{7}{30}, \frac{1}{3}$
-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{3}$
$\frac{1}{2}$	$0, \frac{1}{30}$	$\frac{-1}{2}$	$\frac{1}{6}, \frac{11}{30}$	-2	$0, \frac{1}{10}$	-2	$\frac{1}{5}, \frac{11}{30}$
$\frac{2}{3}$	$\frac{1}{10}, \frac{1}{6}$	$\frac{-2}{3}$	$\frac{1}{5}, \frac{11}{30}$	-1	$0, \frac{1}{10}$	-1	$\frac{7}{30}, \frac{11}{30}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{1}{6}$	$\frac{-1}{2}$	$\frac{7}{30}, \frac{11}{30}$	$\frac{-2}{3}$	$\frac{1}{30}, \frac{1}{5}$	$\frac{-2}{3}$	$\frac{7}{30}, \frac{11}{30}$
-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{3}{10}, \frac{11}{30}$	-2	$0, \frac{1}{5}$	-2	$\frac{3}{10}, \frac{11}{30}$
$\frac{-2}{3}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{-2}{3}$	$\frac{3}{10}, \frac{11}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{3}{10}, \frac{11}{30}$
$\frac{2}{3}$	$0, \frac{1}{30}$	$\frac{-2}{3}$	$\frac{1}{3}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{1}{3}, \frac{11}{30}$
1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{-2}{3}$	$\frac{1}{3}, \frac{11}{30}$
-2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{11}{30}$
1	$\frac{1}{5}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$
4	$0, \frac{1}{30}$	2	$\frac{1}{30}, \frac{2}{5}$	-2	$0, \frac{1}{30}$	-2	$\frac{1}{6}, \frac{2}{5}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$\frac{2}{3}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{-2}{3}$	$\frac{1}{6}, \frac{2}{5}$	$\frac{2}{3}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{-2}{3}$	$\frac{4}{15}, \frac{2}{5}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{7}{30}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{1}{3}$	-2	$\frac{1}{3}, \frac{2}{5}$
$\frac{4}{3}$	0, $\frac{1}{30}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{2}{5}$
$\frac{4}{3}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{2}{5}$
-4	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{2}{5}$	-4	0, $\frac{11}{30}$	-2	$\frac{11}{30}, \frac{2}{5}$
$\frac{-4}{5}$	$\frac{1}{6}, \frac{11}{30}$	$\frac{-2}{5}$	$\frac{11}{30}, \frac{2}{5}$	$\frac{-4}{3}$	$\frac{1}{3}, \frac{11}{30}$	$\frac{-2}{3}$	$\frac{11}{30}, \frac{2}{5}$
-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{13}{30}$	-4	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{13}{30}$
4	0, $\frac{1}{5}$	2	$\frac{1}{5}, \frac{13}{30}$	$\frac{-4}{3}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{-2}{3}$	$\frac{1}{5}, \frac{13}{30}$
-2	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{1}{5}$	$\frac{-1}{2}$	$\frac{7}{30}, \frac{13}{30}$
2	0, $\frac{7}{30}$	1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{7}{30}, \frac{13}{30}$
-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{13}{30}$
2	0, $\frac{7}{30}$	2	$\frac{1}{3}, \frac{13}{30}$	-2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$	2	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{1}{3}, \frac{13}{30}$
1	0, $\frac{3}{10}$	1	$\frac{11}{30}, \frac{13}{30}$	-2	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{13}{30}$
2	0, $\frac{1}{10}$	2	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{2}{5}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{2}{5}, \frac{13}{30}$	-1	$\frac{1}{5}, \frac{11}{30}$	1	$\frac{2}{5}, \frac{13}{30}$
$\frac{-2}{3}$	$\frac{7}{30}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{13}{30}$	-1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{7}{15}$	-1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{7}{15}$
1	$\frac{2}{15}, \frac{1}{6}$	-1	$\frac{3}{10}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{7}{15}$
1	0, $\frac{1}{15}$	1	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{4}{15}$	1	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{2}{5}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{1}{2}$
-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{1}{2}$	-2	0, $\frac{1}{5}$	-2	$\frac{7}{30}, \frac{1}{2}$
$\frac{-2}{3}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{-2}{3}$	$\frac{7}{30}, \frac{1}{2}$	-1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{4}{15}, \frac{1}{2}$
1	0, $\frac{1}{30}$	1	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{10}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{5}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{1}{2}$	-2	$\frac{1}{30}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{1}{2}$
2	0, $\frac{1}{30}$	-2	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{1}{6}$	2	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{2}{15}, \frac{4}{15}$	2	$\frac{2}{5}, \frac{1}{2}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{2}{5}, \frac{1}{2}$	-2	$0, \frac{11}{30}$	2	$\frac{2}{5}, \frac{1}{2}$
$-\frac{2}{3}$	$\frac{1}{6}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{3}, \frac{11}{30}$	1	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{30}, \frac{2}{5}$	-4	$\frac{2}{5}, \frac{1}{2}$	2	$0, \frac{1}{5}$	-2	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{13}{30}, \frac{1}{2}$	1	$0, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{3}{10}, \frac{11}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{10}, \frac{2}{5}$	-2	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{1}{5}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{7}{15}, \frac{1}{2}$
-1	$\frac{1}{15}, \frac{11}{30}$	-1	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 49 \pmod{120}$							
$\frac{2}{3}$	$0, \frac{1}{30}$	$-\frac{2}{3}$	$\frac{1}{6}, \frac{1}{5}$	1	$0, \frac{1}{30}$	1	$\frac{1}{10}, \frac{7}{30}$
1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{7}{30}$	1	$0, \frac{1}{30}$	1	$\frac{2}{15}, \frac{4}{15}$
-2	$\frac{1}{15}, \frac{1}{5}$	-2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{10}, \frac{3}{10}$
-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{3}{10}$
1	$0, \frac{1}{30}$	1	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{7}{30}, \frac{1}{3}$
-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{3}$
$\frac{1}{2}$	$0, \frac{1}{30}$	$-\frac{1}{2}$	$\frac{1}{6}, \frac{11}{30}$	-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{3}{10}, \frac{11}{30}$
1	$0, \frac{7}{30}$	-1	$\frac{3}{10}, \frac{11}{30}$	-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{3}{10}, \frac{11}{30}$
$\frac{2}{3}$	$0, \frac{1}{30}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{1}{3}, \frac{11}{30}$
1	$0, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{11}{30}$	-2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$
-2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{11}{30}$	2	$0, \frac{1}{30}$	2	$\frac{1}{10}, \frac{2}{5}$
2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{2}{5}$	2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{6}, \frac{2}{5}$
-2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{4}{15}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{2}{5}$	1	$0, \frac{7}{30}$	-1	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{6}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{2}{5}$
-1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{6}, \frac{13}{30}$	-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{13}{30}$
2	$0, \frac{1}{10}$	2	$\frac{1}{5}, \frac{13}{30}$	2	$\frac{1}{10}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{13}{30}$
2	$0, \frac{7}{30}$	1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{7}{30}, \frac{13}{30}$
1	$0, \frac{1}{30}$	1	$\frac{3}{10}, \frac{13}{30}$	2	$0, \frac{1}{5}$	2	$\frac{3}{10}, \frac{13}{30}$
-2	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{3}{10}, \frac{13}{30}$	-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{13}{30}$	2	$0, \frac{7}{30}$	2	$\frac{1}{3}, \frac{13}{30}$
-2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{13}{30}$	-2	$\frac{1}{30}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{13}{30}$
1	$0, \frac{1}{10}$	1	$\frac{11}{30}, \frac{13}{30}$	-2	$\frac{1}{10}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{13}{30}$
-4	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{2}{5}, \frac{13}{30}$	$\frac{4}{3}$	$0, \frac{7}{30}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{2}{5}, \frac{13}{30}$	$\frac{-4}{3}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{13}{30}$
-2	$\frac{1}{10}, \frac{3}{10}$	2	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{5}, \frac{3}{10}$	2	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{2}{5}, \frac{13}{30}$	$\frac{-4}{3}$	$\frac{1}{10}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{3}{10}, \frac{11}{30}$	-2	$\frac{2}{5}, \frac{13}{30}$	4	$0, \frac{2}{5}$	2	$\frac{2}{5}, \frac{13}{30}$
$\frac{-4}{3}$	$\frac{1}{6}, \frac{2}{5}$	$\frac{-2}{3}$	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{13}{30}$
-1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$	-1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{7}{15}$	-1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{7}{30}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	-2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$
1	$0, \frac{1}{15}$	1	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{7}{15}$	-2	$\frac{1}{6}, \frac{4}{15}$	-2	$\frac{2}{5}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{3}{10}$	2	$\frac{2}{5}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{7}{15}$
2	$0, \frac{1}{30}$	2	$\frac{1}{5}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{1}{2}$
-1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{7}{30}, \frac{1}{2}$	-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{1}{2}$
2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{7}{30}, \frac{1}{2}$	-1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{4}{15}, \frac{1}{2}$	1	$0, \frac{1}{30}$	1	$\frac{11}{30}, \frac{1}{2}$
2	$0, \frac{1}{5}$	2	$\frac{11}{30}, \frac{1}{2}$	-2	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{11}{30}, \frac{1}{2}$
-2	$\frac{1}{30}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{1}{2}$	-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{1}{2}$	2	$0, \frac{7}{30}$	2	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{2}{5}, \frac{1}{2}$	-2	$\frac{1}{30}, \frac{3}{10}$	2	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{10}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{1}{2}$	-2	$\frac{3}{10}, \frac{11}{30}$	-2	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{13}{30}, \frac{1}{2}$	1	$0, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{1}{10}, \frac{11}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$	2	$0, \frac{2}{5}$	-2	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{2}{5}$	2	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{1}{15}, \frac{1}{5}$	-2	$\frac{7}{15}, \frac{1}{2}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-1	$\frac{1}{15}, \frac{11}{30}$	-1	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{4}{15}, \frac{2}{5}$	-2	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 53 \pmod{120}$							
2	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$
2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{2}{15}, \frac{1}{3}$	-1	$\frac{11}{30}, \frac{2}{5}$
2	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	-1	$\frac{1}{5}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$				
$ D \equiv 61 \pmod{120}$							
-2	$\frac{1}{15}, \frac{1}{5}$	2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{5}, \frac{3}{10}$
2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{1}{3}$	4	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{11}{30}$
-2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{2}{5}$	-4	$\frac{1}{15}, \frac{1}{5}$	2	$\frac{7}{30}, \frac{2}{5}$
2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{4}{15}, \frac{2}{5}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{2}{5}$
2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	4	$0, \frac{1}{15}$	-2	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{1}{10}, \frac{4}{15}$	-2	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{3}$	2	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{2}{15}, \frac{2}{5}$	2	$\frac{2}{5}, \frac{13}{30}$
-2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{1}{5}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{1}{5}$	4	$\frac{1}{5}, \frac{7}{15}$
2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{2}{5}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{7}{15}$
2	$\frac{1}{5}, \frac{11}{30}$	4	$\frac{2}{5}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{4}{15}, \frac{1}{2}$
-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{1}{2}$	-2	$\frac{1}{15}, \frac{1}{5}$	-2	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{7}{30}, \frac{2}{5}$	-4	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{4}{15}, \frac{2}{5}$	-2	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 73 \pmod{120}$							
1	$0, \frac{1}{30}$	-1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{6}, \frac{7}{30}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$
2	$0, \frac{1}{30}$	2	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{1}{3}$
2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{7}{30}, \frac{1}{3}$
-2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{1}{3}$
-2	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{1}{5}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{1}{3}$
-2	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{3}{10}, \frac{1}{3}$	1	$0, \frac{1}{30}$	-1	$\frac{1}{6}, \frac{11}{30}$
-1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{3}{10}, \frac{11}{30}$	2	$0, \frac{1}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$
2	$\frac{1}{30}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{11}{30}$	2	$0, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{11}{30}$
-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{3}, \frac{11}{30}$	-2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{6}, \frac{2}{5}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{2}{5}$	2	$0, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{6}, \frac{3}{10}$	-1	$\frac{11}{30}, \frac{2}{5}$	2	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{2}{5}$
-1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{6}, \frac{13}{30}$	-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{13}{30}$
1	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{1}{5}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	$-\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{3}{10}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{13}{30}$	-2	$0, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{13}{30}$
$-\frac{2}{3}$	$\frac{1}{6}, \frac{7}{30}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{13}{30}$	2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$
1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$	2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$
1	$\frac{7}{30}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{13}{30}$	1	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	$-\frac{1}{2}$	$\frac{2}{5}, \frac{13}{30}$
2	$\frac{7}{30}, \frac{1}{3}$	-1	$\frac{2}{5}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{2}{5}$	$-\frac{1}{2}$	$\frac{2}{5}, \frac{13}{30}$
-2	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{13}{30}$	-1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$
-1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{1}{5}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	-2	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{7}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$	-1	$\frac{2}{5}, \frac{7}{15}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{5}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{11}{30}, \frac{1}{2}$
-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{2}{5}$	1	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{13}{30}, \frac{1}{2}$				
$ D \equiv 77 \pmod{120}$							
2	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$
2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{2}{15}, \frac{1}{3}$	-1	$\frac{11}{30}, \frac{2}{5}$
2	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	-1	$\frac{1}{5}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$				

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 89 \pmod{120}$							
2	$0, \frac{1}{30}$	-2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{6}, \frac{1}{5}$
1	$0, \frac{1}{15}$	1	$\frac{2}{15}, \frac{7}{30}$	1	$0, \frac{1}{30}$	1	$\frac{2}{15}, \frac{4}{15}$
-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{5}, \frac{4}{15}$	2	$0, \frac{1}{30}$	-1	$\frac{1}{10}, \frac{3}{10}$
2	$0, \frac{1}{30}$	-2	$\frac{1}{5}, \frac{3}{10}$	1	$0, \frac{1}{30}$	-1	$\frac{7}{30}, \frac{3}{10}$
1	$\frac{1}{10}, \frac{7}{30}$	-1	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{7}{30}, \frac{1}{3}$
-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{3}$
$\frac{1}{2}$	$0, \frac{1}{30}$	$-\frac{1}{2}$	$\frac{1}{6}, \frac{11}{30}$	-2	$0, \frac{1}{10}$	-2	$\frac{1}{5}, \frac{11}{30}$
$\frac{2}{3}$	$\frac{1}{10}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{1}{5}, \frac{11}{30}$	-1	$0, \frac{1}{10}$	-1	$\frac{7}{30}, \frac{11}{30}$
$\frac{1}{2}$	$\frac{1}{10}, \frac{1}{6}$	$-\frac{1}{2}$	$\frac{7}{30}, \frac{11}{30}$	$-\frac{2}{3}$	$\frac{1}{30}, \frac{1}{5}$	$-\frac{2}{3}$	$\frac{7}{30}, \frac{11}{30}$
-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{3}{10}, \frac{11}{30}$	-2	$0, \frac{1}{5}$	-2	$\frac{3}{10}, \frac{11}{30}$
$-\frac{2}{3}$	$\frac{1}{6}, \frac{1}{5}$	$-\frac{2}{3}$	$\frac{3}{10}, \frac{11}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{3}{10}, \frac{11}{30}$
$\frac{2}{3}$	$0, \frac{1}{30}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{1}{3}, \frac{11}{30}$
1	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{1}{10}, \frac{7}{30}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{11}{30}$
-2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{11}{30}$	$\frac{1}{2}$	$\frac{1}{10}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{11}{30}$
1	$\frac{1}{5}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$
4	$0, \frac{1}{30}$	2	$\frac{1}{30}, \frac{2}{5}$	-2	$0, \frac{1}{30}$	-2	$\frac{1}{6}, \frac{2}{5}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{1}{6}, \frac{2}{5}$	$\frac{2}{3}$	$\frac{2}{15}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{4}{15}, \frac{2}{5}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{7}{30}, \frac{3}{10}$	-1	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{1}{3}$	-2	$\frac{1}{3}, \frac{2}{5}$
$\frac{4}{3}$	$0, \frac{1}{30}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{11}{30}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{2}{5}$	2	$\frac{1}{10}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{5}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{2}{5}$	-4	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{2}{5}$
-4	$\frac{1}{30}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{2}{5}$	-4	$0, \frac{11}{30}$	-2	$\frac{11}{30}, \frac{2}{5}$
$-\frac{4}{5}$	$\frac{1}{6}, \frac{11}{30}$	$-\frac{2}{5}$	$\frac{11}{30}, \frac{2}{5}$	$-\frac{4}{3}$	$\frac{1}{3}, \frac{11}{30}$	$-\frac{2}{3}$	$\frac{11}{30}, \frac{2}{5}$
-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{13}{30}$	-4	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{13}{30}$
4	$0, \frac{1}{5}$	2	$\frac{1}{5}, \frac{13}{30}$	$-\frac{4}{3}$	$\frac{1}{6}, \frac{1}{5}$	$-\frac{2}{3}$	$\frac{1}{5}, \frac{13}{30}$
-2	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{1}{5}$	$-\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$
2	$0, \frac{7}{30}$	1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{7}{30}, \frac{13}{30}$
-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{1}{3}, \frac{13}{30}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$0, \frac{7}{30}$	2	$\frac{1}{3}, \frac{13}{30}$	-2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$	2	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{1}{3}, \frac{13}{30}$
1	$0, \frac{3}{10}$	1	$\frac{11}{30}, \frac{13}{30}$	-2	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{13}{30}$
2	$0, \frac{1}{10}$	2	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{2}{5}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{2}{5}, \frac{13}{30}$	-1	$\frac{1}{5}, \frac{11}{30}$	1	$\frac{2}{5}, \frac{13}{30}$
$-\frac{2}{3}$	$\frac{7}{30}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{13}{30}$	-1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{7}{15}$	-1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{7}{15}$
1	$\frac{2}{15}, \frac{1}{6}$	-1	$\frac{3}{10}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{7}{15}$
1	$0, \frac{1}{15}$	1	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{4}{15}$	1	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{3}{5}$	2	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{2}{5}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{1}{2}$
-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{1}{2}$	-2	$0, \frac{1}{5}$	-2	$\frac{7}{30}, \frac{1}{2}$
$-\frac{2}{3}$	$\frac{1}{6}, \frac{1}{5}$	$-\frac{2}{3}$	$\frac{7}{30}, \frac{1}{2}$	-1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{4}{15}, \frac{1}{2}$
1	$0, \frac{1}{30}$	1	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{11}{30}, \frac{1}{2}$
2	$0, \frac{1}{30}$	-2	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{2}{5}, \frac{1}{2}$
$-\frac{2}{3}$	$\frac{1}{6}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{3}, \frac{11}{30}$	1	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{30}, \frac{2}{5}$	-4	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{2}{5}, \frac{1}{2}$
2	$0, \frac{1}{5}$	-2	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{13}{30}, \frac{1}{2}$
1	$0, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{3}{10}, \frac{11}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{1}{10}, \frac{2}{5}$	-2	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{5}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{7}{15}, \frac{1}{2}$	-1	$\frac{1}{15}, \frac{11}{30}$	-1	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 97 \pmod{120}$							
1	$0, \frac{1}{30}$	-1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{6}, \frac{7}{30}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$
2	$0, \frac{1}{30}$	2	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{1}{3}$
2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{7}{30}, \frac{1}{3}$
-2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{1}{3}$
-2	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{1}{5}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{1}{3}$
-2	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{3}{10}, \frac{1}{3}$	1	$0, \frac{1}{30}$	-1	$\frac{1}{6}, \frac{11}{30}$
-1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{3}{10}, \frac{11}{30}$	2	$0, \frac{1}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{30}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{11}{30}$	2	$0, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{11}{30}$
-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{3}, \frac{11}{30}$	-2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$
-2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{6}, \frac{2}{5}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{2}{5}$	2	$0, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{6}, \frac{3}{10}$	-1	$\frac{11}{30}, \frac{2}{5}$	2	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{2}{5}$
-1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{6}, \frac{13}{30}$	-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{13}{30}$
1	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{1}{5}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	$-\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{3}{10}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{13}{30}$	-2	$0, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{13}{30}$
$-\frac{2}{3}$	$\frac{1}{6}, \frac{7}{30}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{13}{30}$	2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$
1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$	2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$
1	$\frac{7}{30}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{13}{30}$	1	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	$-\frac{1}{2}$	$\frac{2}{5}, \frac{13}{30}$
2	$\frac{7}{30}, \frac{1}{3}$	-1	$\frac{2}{5}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{2}{5}$	$-\frac{1}{2}$	$\frac{2}{5}, \frac{13}{30}$
-2	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{13}{30}$	-1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$
-1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{1}{5}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	-2	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{7}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$	-1	$\frac{2}{5}, \frac{7}{15}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{5}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{11}{30}, \frac{1}{2}$
-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{2}{5}$	1	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{13}{30}, \frac{1}{2}$				
$ D \equiv 101 \pmod{120}$							
-2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{7}{30}, \frac{4}{15}$
2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{3}{10}, \frac{1}{3}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$	-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{2}{5}$
2	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{4}{15}, \frac{2}{5}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{3}{10}, \frac{2}{5}$
2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	-4	$0, \frac{2}{15}$	-2	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{2}{15}, \frac{1}{3}$	$-\frac{2}{3}$	$\frac{11}{30}, \frac{2}{5}$
-4	$\frac{4}{15}, \frac{11}{30}$	-2	$\frac{11}{30}, \frac{2}{5}$	4	$0, \frac{1}{15}$	-2	$\frac{1}{5}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{5}, \frac{13}{30}$	4	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{13}{30}$
2	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	-2	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{2}{5}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{1}{2}$	2	$\frac{2}{15}, \frac{4}{15}$	2	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{7}{15}, \frac{1}{2}$	2	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{7}{15}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{2}{5}$	-4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 109 \pmod{120}$							
-2	$\frac{1}{15}, \frac{1}{5}$	2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{5}, \frac{3}{10}$
2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{1}{3}$	4	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{11}{30}$
-2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{2}{5}$	-4	$\frac{1}{15}, \frac{1}{5}$	2	$\frac{7}{30}, \frac{2}{5}$
2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{4}{15}, \frac{2}{5}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{2}{5}$
2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	4	$0, \frac{1}{15}$	-2	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{1}{10}, \frac{4}{15}$	-2	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{3}$	2	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{2}{15}, \frac{2}{5}$	2	$\frac{2}{5}, \frac{13}{30}$
-2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{1}{5}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{1}{5}$	4	$\frac{1}{5}, \frac{7}{15}$
2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{2}{5}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{7}{15}$
2	$\frac{1}{5}, \frac{11}{30}$	4	$\frac{2}{5}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{4}{15}, \frac{1}{2}$
-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{1}{2}$	-2	$\frac{1}{15}, \frac{1}{5}$	-2	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{7}{30}, \frac{2}{5}$	-4	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{4}{15}, \frac{2}{5}$	-2	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 113 \pmod{120}$							
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{7}{30}$
1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$	1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{1}{5}, \frac{3}{10}$
1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{7}{30}, \frac{1}{3}$
2	$0, \frac{1}{5}$	2	$\frac{7}{30}, \frac{1}{3}$	-2	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{7}{30}, \frac{1}{3}$
2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{1}{3}$	1	$0, \frac{1}{30}$	-1	$\frac{1}{6}, \frac{11}{30}$

Table 2: $e = 3$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{1}{5}, \frac{11}{30}$	1	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{7}{30}, \frac{11}{30}$
-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{11}{30}$	-1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{3}{10}, \frac{11}{30}$
2	$0, \frac{1}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{11}{30}$
2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{11}{30}$
-2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{11}{30}$	1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$
2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$
-1	$0, \frac{1}{30}$	-1	$\frac{1}{6}, \frac{2}{5}$	$\frac{1}{2}$	$\frac{1}{30}, \frac{1}{6}$	$-\frac{1}{2}$	$\frac{1}{6}, \frac{2}{5}$
1	$\frac{2}{15}, \frac{1}{6}$	-1	$\frac{4}{15}, \frac{2}{5}$	-2	$0, \frac{1}{30}$	-2	$\frac{1}{3}, \frac{2}{5}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{30}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{30}, \frac{1}{6}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{2}{5}$
2	$\frac{1}{30}, \frac{1}{3}$	-1	$\frac{11}{30}, \frac{2}{5}$	-1	$\frac{1}{6}, \frac{11}{30}$	$-\frac{1}{2}$	$\frac{11}{30}, \frac{2}{5}$
-2	$\frac{1}{3}, \frac{11}{30}$	-1	$\frac{11}{30}, \frac{2}{5}$	-1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{13}{30}$
-1	$\frac{1}{6}, \frac{1}{5}$	$-\frac{1}{2}$	$\frac{1}{5}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{1}{5}$	$-\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$
-1	$\frac{1}{6}, \frac{7}{30}$	$-\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{1}{3}, \frac{13}{30}$
-2	$0, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{13}{30}$	$-\frac{2}{3}$	$\frac{1}{6}, \frac{1}{5}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{13}{30}$
-2	$0, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{13}{30}$	$-\frac{2}{3}$	$\frac{1}{6}, \frac{7}{30}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{13}{30}$	1	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{13}{30}$
1	$\frac{7}{30}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{1}{6}, \frac{3}{10}$	-1	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	1	$\frac{1}{10}, \frac{1}{6}$	-1	$\frac{2}{5}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{13}{30}$	-1	$\frac{1}{30}, \frac{1}{15}$	-1	$\frac{1}{6}, \frac{7}{15}$
1	$\frac{2}{15}, \frac{1}{6}$	-1	$\frac{3}{10}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{1}{6}$	-1	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{7}{15}$
-1	$\frac{1}{6}, \frac{1}{5}$	-1	$\frac{7}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{3}$	2	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{11}{30}$	1	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{13}{30}, \frac{1}{2}$				

For the case $e = 4$ there were 307 formulae, given below.

Table 3: Two Term Dirichlet Type Formulae, $e = 4$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 1 \pmod{8}$							
1	$0, \frac{1}{8}$	-1	$\frac{1}{4}, \frac{3}{8}$	2	$0, \frac{1}{8}$	2	$\frac{3}{8}, \frac{1}{2}$
$ D \equiv 5 \pmod{8}$							
-2	$0, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{1}{2}$	1	$\frac{1}{8}, \frac{1}{4}$	-1	$\frac{3}{8}, \frac{1}{2}$
$ D \equiv 1 \pmod{24}$							
1	$0, \frac{1}{12}$	-1	$\frac{1}{12}, \frac{1}{6}$	$\frac{4}{3}$	$0, \frac{1}{12}$	$\frac{2}{3}$	$\frac{1}{6}, \frac{1}{4}$
2	$0, \frac{1}{12}$	2	$\frac{1}{6}, \frac{1}{3}$	1	$0, \frac{1}{12}$	-1	$\frac{1}{4}, \frac{1}{3}$
1	$0, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{1}{3}$	2	$0, \frac{1}{12}$	1	$\frac{1}{12}, \frac{5}{12}$
$\frac{3}{2}$	$0, \frac{1}{12}$	$\frac{1}{2}$	$\frac{1}{6}, \frac{5}{12}$	3	$0, \frac{1}{6}$	2	$\frac{1}{6}, \frac{5}{12}$
-3	$\frac{1}{12}, \frac{1}{6}$	-1	$\frac{1}{6}, \frac{5}{12}$	2	$0, \frac{1}{12}$	2	$\frac{1}{4}, \frac{5}{12}$
-2	$\frac{1}{12}, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{5}{12}$	2	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{1}{4}, \frac{5}{12}$
$\frac{4}{3}$	$0, \frac{1}{12}$	$\frac{2}{3}$	$\frac{1}{3}, \frac{5}{12}$	2	$0, \frac{1}{6}$	2	$\frac{1}{3}, \frac{5}{12}$
-4	$\frac{1}{12}, \frac{1}{4}$	2	$\frac{1}{3}, \frac{5}{12}$	4	$0, \frac{1}{3}$	2	$\frac{1}{3}, \frac{5}{12}$
-4	$\frac{1}{6}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{5}{12}$	2	$0, \frac{1}{12}$	1	$\frac{1}{6}, \frac{1}{2}$
-2	$\frac{1}{12}, \frac{1}{6}$	-1	$\frac{1}{6}, \frac{1}{2}$	2	$0, \frac{1}{12}$	2	$\frac{1}{3}, \frac{1}{2}$
-2	$\frac{1}{12}, \frac{1}{6}$	-2	$\frac{1}{3}, \frac{1}{2}$	2	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{1}{3}, \frac{1}{2}$
1	$0, \frac{1}{12}$	-1	$\frac{5}{12}, \frac{1}{2}$	1	$0, \frac{1}{6}$	-2	$\frac{5}{12}, \frac{1}{2}$
-2	$\frac{1}{12}, \frac{1}{4}$	-2	$\frac{5}{12}, \frac{1}{2}$	2	$0, \frac{1}{3}$	-2	$\frac{5}{12}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{1}{3}$	-2	$\frac{5}{12}, \frac{1}{2}$	-1	$\frac{1}{12}, \frac{5}{12}$	-2	$\frac{5}{12}, \frac{1}{2}$
-1	$\frac{1}{6}, \frac{5}{12}$	-3	$\frac{5}{12}, \frac{1}{2}$				
$ D \equiv 17 \pmod{24}$							
4	$0, \frac{1}{12}$	2	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{1}{12}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{1}{4}$
2	$0, \frac{1}{12}$	-2	$\frac{1}{4}, \frac{1}{3}$	1	$0, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{1}{3}$
2	$\frac{1}{12}, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{1}{3}$	-2	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{1}{4}, \frac{1}{3}$
-2	$0, \frac{1}{12}$	-2	$\frac{1}{4}, \frac{5}{12}$	-1	$0, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{5}{12}$
-2	$\frac{1}{12}, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{5}{12}$	1	$\frac{1}{12}, \frac{1}{4}$	-1	$\frac{1}{4}, \frac{5}{12}$
$\frac{2}{3}$	$\frac{1}{6}, \frac{1}{4}$	$-\frac{4}{3}$	$\frac{1}{4}, \frac{5}{12}$	2	$\frac{1}{12}, \frac{1}{4}$	-1	$\frac{1}{3}, \frac{5}{12}$
2	$\frac{1}{6}, \frac{1}{4}$	-2	$\frac{1}{3}, \frac{5}{12}$	-2	$\frac{1}{4}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{5}{12}$
2	$\frac{1}{12}, \frac{1}{4}$	-2	$\frac{1}{3}, \frac{1}{2}$	2	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{1}{3}, \frac{1}{2}$
2	$\frac{1}{12}, \frac{1}{4}$	2	$\frac{5}{12}, \frac{1}{2}$	2	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{5}{12}, \frac{1}{2}$

Table 3: $e = 4$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{1}{4}, \frac{1}{3}$	2	$\frac{5}{12}, \frac{1}{2}$				
$ D \equiv 1 \pmod{8}$							
2	$0, \frac{1}{8}$	2	$\frac{3}{16}, \frac{5}{16}$	-2	$\frac{1}{16}, \frac{1}{8}$	-2	$\frac{1}{4}, \frac{7}{16}$
-2	$\frac{1}{16}, \frac{3}{16}$	-2	$\frac{5}{16}, \frac{7}{16}$	-2	$\frac{1}{8}, \frac{3}{16}$	-2	$\frac{5}{16}, \frac{1}{2}$
-2	$\frac{1}{16}, \frac{3}{8}$	2	$\frac{7}{16}, \frac{1}{2}$				
$ D \equiv 5 \pmod{8}$							
-2	$0, \frac{1}{8}$	2	$\frac{3}{16}, \frac{5}{16}$	2	$\frac{3}{16}, \frac{1}{4}$	-2	$\frac{5}{16}, \frac{3}{8}$
-2	$\frac{1}{16}, \frac{3}{16}$	-2	$\frac{5}{16}, \frac{7}{16}$	2	$0, \frac{1}{16}$	-2	$\frac{3}{8}, \frac{7}{16}$
$ D \equiv 1 \pmod{40}$							
-2	$\frac{1}{20}, \frac{1}{5}$	-2	$\frac{1}{4}, \frac{7}{20}$	-2	$\frac{1}{20}, \frac{3}{20}$	-2	$\frac{1}{4}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{4}, \frac{2}{5}$	-2	$\frac{1}{20}, \frac{1}{10}$	-2	$\frac{1}{4}, \frac{9}{20}$
-2	$\frac{3}{20}, \frac{1}{5}$	-2	$\frac{1}{4}, \frac{9}{20}$				
$ D \equiv 9 \pmod{40}$							
-2	$\frac{1}{20}, \frac{1}{5}$	-2	$\frac{1}{4}, \frac{7}{20}$	-2	$\frac{1}{20}, \frac{3}{20}$	-2	$\frac{1}{4}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{4}, \frac{2}{5}$	-2	$\frac{1}{20}, \frac{1}{10}$	-2	$\frac{1}{4}, \frac{9}{20}$
-2	$\frac{3}{20}, \frac{1}{5}$	-2	$\frac{1}{4}, \frac{9}{20}$				
$ D \equiv 13 \pmod{40}$							
2	$\frac{1}{20}, \frac{1}{5}$	2	$\frac{3}{10}, \frac{7}{20}$	2	$\frac{3}{20}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{7}{20}$
2	$\frac{1}{20}, \frac{3}{20}$	-2	$\frac{3}{10}, \frac{2}{5}$	2	$\frac{1}{5}, \frac{1}{4}$	-2	$\frac{3}{10}, \frac{2}{5}$
-2	$0, \frac{1}{20}$	-2	$\frac{7}{20}, \frac{2}{5}$	1	$\frac{1}{20}, \frac{1}{4}$	-1	$\frac{7}{20}, \frac{2}{5}$
-2	$\frac{3}{20}, \frac{1}{5}$	-2	$\frac{3}{10}, \frac{9}{20}$	1	$\frac{1}{20}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{9}{20}$
-2	$0, \frac{1}{5}$	-2	$\frac{7}{20}, \frac{9}{20}$	1	$\frac{1}{5}, \frac{1}{4}$	-1	$\frac{7}{20}, \frac{9}{20}$
-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{7}{20}, \frac{9}{20}$	2	$0, \frac{3}{20}$	-2	$\frac{2}{5}, \frac{9}{20}$
2	$\frac{3}{10}, \frac{7}{20}$	-2	$\frac{2}{5}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{3}{20}$	-2	$\frac{1}{5}, \frac{1}{2}$
2	$\frac{1}{20}, \frac{7}{20}$	2	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{1}{5}, \frac{7}{20}$	2	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 17 \pmod{40}$							
2	$\frac{1}{20}, \frac{1}{10}$	-2	$\frac{3}{20}, \frac{1}{5}$	2	$\frac{1}{20}, \frac{1}{10}$	-2	$\frac{7}{20}, \frac{2}{5}$
-2	$\frac{1}{20}, \frac{1}{10}$	-2	$\frac{1}{4}, \frac{9}{20}$	-1	$\frac{3}{20}, \frac{1}{5}$	-1	$\frac{1}{4}, \frac{9}{20}$
1	$\frac{1}{20}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{9}{20}$	2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{7}{20}, \frac{9}{20}$
1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{7}{20}, \frac{9}{20}$	2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{7}{20}, \frac{9}{20}$
2	$\frac{1}{10}, \frac{3}{20}$	-2	$\frac{2}{5}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{1}{5}$	-2	$\frac{7}{20}, \frac{1}{2}$

Table 3: $e = 4$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{3}{20}, \frac{1}{5}$	2	$\frac{9}{20}, \frac{1}{2}$	-2	$\frac{7}{20}, \frac{2}{5}$	2	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 21 \pmod{40}$							
-2	$\frac{1}{20}, \frac{3}{20}$	2	$\frac{1}{5}, \frac{1}{4}$	2	$\frac{3}{20}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{7}{20}$
2	$\frac{1}{5}, \frac{1}{4}$	-2	$\frac{3}{10}, \frac{2}{5}$	2	$\frac{1}{20}, \frac{1}{4}$	-2	$\frac{7}{20}, \frac{2}{5}$
2	$\frac{1}{5}, \frac{1}{4}$	-2	$\frac{7}{20}, \frac{9}{20}$	2	$\frac{3}{20}, \frac{1}{4}$	2	$\frac{2}{5}, \frac{9}{20}$
$ D \equiv 29 \pmod{40}$							
-2	$\frac{1}{20}, \frac{3}{20}$	2	$\frac{1}{5}, \frac{1}{4}$	2	$\frac{3}{20}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{7}{20}$
2	$\frac{1}{5}, \frac{1}{4}$	-2	$\frac{3}{10}, \frac{2}{5}$	2	$\frac{1}{20}, \frac{1}{4}$	-2	$\frac{7}{20}, \frac{2}{5}$
2	$\frac{1}{5}, \frac{1}{4}$	-2	$\frac{7}{20}, \frac{9}{20}$	2	$\frac{3}{20}, \frac{1}{4}$	2	$\frac{2}{5}, \frac{9}{20}$
$ D \equiv 33 \pmod{40}$							
2	$\frac{1}{20}, \frac{1}{10}$	-2	$\frac{3}{20}, \frac{1}{5}$	2	$\frac{1}{20}, \frac{3}{20}$	-2	$\frac{1}{5}, \frac{3}{10}$
-2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{1}{4}, \frac{2}{5}$	2	$\frac{1}{20}, \frac{1}{10}$	-2	$\frac{7}{20}, \frac{2}{5}$
-2	$\frac{1}{20}, \frac{1}{10}$	-2	$\frac{1}{4}, \frac{9}{20}$	-1	$\frac{3}{20}, \frac{1}{5}$	-1	$\frac{1}{4}, \frac{9}{20}$
1	$\frac{1}{20}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{9}{20}$	2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{7}{20}, \frac{9}{20}$
1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{7}{20}, \frac{9}{20}$	2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{7}{20}, \frac{9}{20}$
2	$\frac{1}{10}, \frac{3}{20}$	-2	$\frac{2}{5}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{1}{5}$	-2	$\frac{7}{20}, \frac{1}{2}$
2	$\frac{1}{20}, \frac{3}{20}$	-2	$\frac{2}{5}, \frac{1}{2}$	-2	$\frac{3}{20}, \frac{1}{5}$	2	$\frac{9}{20}, \frac{1}{2}$
-2	$\frac{7}{20}, \frac{2}{5}$	2	$\frac{9}{20}, \frac{1}{2}$				
$ D \equiv 37 \pmod{40}$							
2	$\frac{1}{20}, \frac{1}{5}$	2	$\frac{3}{10}, \frac{7}{20}$	2	$\frac{3}{20}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{7}{20}$
2	$\frac{1}{20}, \frac{3}{20}$	-2	$\frac{3}{10}, \frac{2}{5}$	2	$\frac{1}{5}, \frac{1}{4}$	-2	$\frac{3}{10}, \frac{2}{5}$
-2	0, $\frac{1}{20}$	-2	$\frac{7}{20}, \frac{2}{5}$	1	$\frac{1}{20}, \frac{1}{4}$	-1	$\frac{7}{20}, \frac{2}{5}$
-2	$\frac{3}{20}, \frac{1}{5}$	-2	$\frac{3}{10}, \frac{9}{20}$	1	$\frac{1}{20}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{9}{20}$
-2	0, $\frac{1}{5}$	-2	$\frac{7}{20}, \frac{9}{20}$	1	$\frac{1}{5}, \frac{1}{4}$	-1	$\frac{7}{20}, \frac{9}{20}$
-1	$\frac{1}{10}, \frac{3}{10}$	-2	$\frac{7}{20}, \frac{9}{20}$	2	0, $\frac{3}{20}$	-2	$\frac{2}{5}, \frac{9}{20}$
2	$\frac{3}{10}, \frac{7}{20}$	-2	$\frac{2}{5}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{3}{20}$	-2	$\frac{1}{5}, \frac{1}{2}$
2	$\frac{1}{20}, \frac{7}{20}$	2	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{1}{5}, \frac{7}{20}$	2	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 1 \pmod{24}$							
1	0, $\frac{1}{12}$	-1	$\frac{5}{24}, \frac{7}{24}$	1	0, $\frac{1}{6}$	-2	$\frac{5}{24}, \frac{7}{24}$
1	0, $\frac{1}{24}$	-1	$\frac{1}{4}, \frac{7}{24}$	-2	$\frac{1}{24}, \frac{5}{24}$	-2	$\frac{1}{4}, \frac{1}{3}$
2	0, $\frac{5}{24}$	2	$\frac{7}{24}, \frac{1}{3}$	2	0, $\frac{1}{24}$	2	$\frac{5}{24}, \frac{5}{12}$
-4	$\frac{1}{24}, \frac{5}{24}$	2	$\frac{1}{3}, \frac{5}{12}$	-2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{1}{4}, \frac{11}{24}$

Table 3: $e = 4$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$0, \frac{5}{24}$	-1	$\frac{1}{4}, \frac{11}{24}$	2	$0, \frac{1}{12}$	2	$\frac{7}{24}, \frac{11}{24}$
-2	$\frac{1}{12}, \frac{1}{6}$	-2	$\frac{7}{24}, \frac{11}{24}$	2	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{7}{24}, \frac{11}{24}$
-2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{1}{3}, \frac{11}{24}$	1	$0, \frac{1}{24}$	-1	$\frac{5}{12}, \frac{11}{24}$
-2	$\frac{1}{24}, \frac{1}{4}$	-2	$\frac{5}{12}, \frac{11}{24}$	2	$0, \frac{7}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$
2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{5}{24}, \frac{1}{2}$	2	$0, \frac{1}{24}$	2	$\frac{7}{24}, \frac{1}{2}$
-2	$\frac{5}{24}, \frac{7}{24}$	-2	$\frac{1}{3}, \frac{1}{2}$	-2	$\frac{1}{24}, \frac{5}{24}$	-2	$\frac{5}{12}, \frac{1}{2}$
2	$0, \frac{5}{24}$	2	$\frac{11}{24}, \frac{1}{2}$	-2	$\frac{1}{12}, \frac{7}{24}$	-2	$\frac{11}{24}, \frac{1}{2}$
-2	$\frac{1}{24}, \frac{1}{3}$	2	$\frac{11}{24}, \frac{1}{2}$				
$ D \equiv 5 \pmod{24}$							
2	$0, \frac{5}{24}$	-2	$\frac{1}{4}, \frac{7}{24}$	2	$\frac{1}{12}, \frac{5}{24}$	-2	$\frac{1}{4}, \frac{7}{24}$
2	$\frac{1}{6}, \frac{5}{24}$	-2	$\frac{1}{4}, \frac{7}{24}$	-2	$0, \frac{1}{8}$	2	$\frac{1}{6}, \frac{3}{8}$
-2	$\frac{1}{12}, \frac{1}{8}$	2	$\frac{1}{6}, \frac{3}{8}$	2	$\frac{1}{24}, \frac{5}{24}$	-4	$\frac{1}{4}, \frac{3}{8}$
2	$\frac{1}{8}, \frac{5}{24}$	2	$\frac{7}{24}, \frac{3}{8}$	2	$\frac{5}{24}, \frac{1}{4}$	-2	$\frac{7}{24}, \frac{5}{12}$
-2	$0, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{5}{12}$	-2	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{5}{12}$
2	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{3}{8}, \frac{5}{12}$	-2	$\frac{1}{24}, \frac{5}{24}$	-4	$\frac{3}{8}, \frac{5}{12}$
1	$\frac{1}{8}, \frac{1}{4}$	-1	$\frac{3}{8}, \frac{5}{12}$	-2	$\frac{1}{24}, \frac{7}{24}$	-4	$\frac{3}{8}, \frac{5}{12}$
-4	$0, \frac{1}{8}$	-2	$\frac{5}{24}, \frac{11}{24}$	-4	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{5}{24}, \frac{11}{24}$
4	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{5}{24}, \frac{11}{24}$	2	$0, \frac{1}{24}$	-2	$\frac{1}{4}, \frac{11}{24}$
-2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{1}{4}, \frac{11}{24}$	-2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{11}{24}$
-4	$0, \frac{1}{8}$	-2	$\frac{7}{24}, \frac{11}{24}$	-4	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{7}{24}, \frac{11}{24}$
4	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{7}{24}, \frac{11}{24}$	$\frac{4}{3}$	$\frac{1}{8}, \frac{1}{4}$	$-\frac{2}{3}$	$\frac{7}{24}, \frac{11}{24}$
-2	$\frac{1}{24}, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{11}{24}$	2	$\frac{1}{24}, \frac{1}{4}$	2	$\frac{5}{12}, \frac{11}{24}$
2	$\frac{5}{24}, \frac{1}{4}$	-2	$\frac{7}{24}, \frac{1}{2}$	-2	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{1}{2}$
2	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{3}{8}, \frac{1}{2}$	-2	$\frac{1}{24}, \frac{5}{24}$	-4	$\frac{3}{8}, \frac{1}{2}$
-2	$\frac{1}{24}, \frac{7}{24}$	-4	$\frac{3}{8}, \frac{1}{2}$	2	$\frac{1}{24}, \frac{1}{4}$	-2	$\frac{11}{24}, \frac{1}{2}$
$ D \equiv 13 \pmod{24}$							
-2	$0, \frac{1}{24}$	2	$\frac{1}{6}, \frac{7}{24}$	1	$\frac{1}{24}, \frac{1}{12}$	1	$\frac{1}{6}, \frac{7}{24}$
-2	$0, \frac{1}{8}$	2	$\frac{1}{6}, \frac{3}{8}$	-1	$\frac{1}{12}, \frac{1}{8}$	1	$\frac{1}{6}, \frac{3}{8}$
-2	$\frac{1}{24}, \frac{1}{8}$	2	$\frac{5}{24}, \frac{3}{8}$	-2	$\frac{1}{12}, \frac{1}{8}$	2	$\frac{1}{4}, \frac{3}{8}$
-2	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{5}{12}$	2	$\frac{1}{8}, \frac{1}{4}$	-2	$\frac{3}{8}, \frac{5}{12}$
-2	$0, \frac{1}{24}$	2	$\frac{1}{6}, \frac{11}{24}$	1	$\frac{1}{24}, \frac{1}{12}$	1	$\frac{1}{6}, \frac{11}{24}$
2	$\frac{1}{8}, \frac{7}{24}$	-2	$\frac{3}{8}, \frac{11}{24}$	2	$0, \frac{7}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$

Table 3: $e = 4$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{6}, \frac{7}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$	-2	$0, \frac{1}{24}$	-2	$\frac{7}{24}, \frac{1}{2}$
1	$\frac{1}{24}, \frac{1}{12}$	-1	$\frac{7}{24}, \frac{1}{2}$	2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{7}{24}, \frac{1}{2}$
-2	$0, \frac{5}{24}$	-2	$\frac{7}{24}, \frac{1}{2}$	-1	$\frac{1}{12}, \frac{5}{24}$	-1	$\frac{7}{24}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{5}{24}$	-2	$\frac{7}{24}, \frac{1}{2}$	1	$\frac{1}{24}, \frac{1}{4}$	-1	$\frac{7}{24}, \frac{1}{2}$
1	$\frac{5}{24}, \frac{1}{4}$	-1	$\frac{7}{24}, \frac{1}{2}$	-1	$\frac{1}{12}, \frac{1}{8}$	-1	$\frac{3}{8}, \frac{1}{2}$
2	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{3}{8}, \frac{1}{2}$	-2	$0, \frac{1}{24}$	-2	$\frac{11}{24}, \frac{1}{2}$
1	$\frac{1}{24}, \frac{1}{12}$	-1	$\frac{11}{24}, \frac{1}{2}$	2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{11}{24}, \frac{1}{2}$
-2	$0, \frac{5}{24}$	-2	$\frac{11}{24}, \frac{1}{2}$	-1	$\frac{1}{12}, \frac{5}{24}$	-1	$\frac{11}{24}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{5}{24}$	-2	$\frac{11}{24}, \frac{1}{2}$	1	$\frac{1}{24}, \frac{1}{4}$	-1	$\frac{11}{24}, \frac{1}{2}$
1	$\frac{5}{24}, \frac{1}{4}$	-1	$\frac{11}{24}, \frac{1}{2}$	-2	$\frac{1}{12}, \frac{7}{24}$	-2	$\frac{11}{24}, \frac{1}{2}$
-2	$\frac{1}{4}, \frac{7}{24}$	-2	$\frac{11}{24}, \frac{1}{2}$	1	$\frac{1}{24}, \frac{5}{12}$	-1	$\frac{11}{24}, \frac{1}{2}$
1	$\frac{5}{24}, \frac{5}{12}$	-1	$\frac{11}{24}, \frac{1}{2}$	2	$\frac{7}{24}, \frac{5}{12}$	-2	$\frac{11}{24}, \frac{1}{2}$
$ D \equiv 17 \pmod{24}$							
2	$\frac{5}{24}, \frac{1}{4}$	-2	$\frac{7}{24}, \frac{1}{3}$	2	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{1}{3}, \frac{3}{8}$
4	$0, \frac{1}{8}$	2	$\frac{5}{24}, \frac{11}{24}$	-2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{1}{4}, \frac{11}{24}$
2	$\frac{1}{24}, \frac{1}{4}$	2	$\frac{5}{12}, \frac{11}{24}$	2	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{3}{8}, \frac{1}{2}$
$ D \equiv 1 \pmod{56}$							
2	$0, \frac{1}{28}$	2	$\frac{3}{28}, \frac{9}{28}$	-2	$\frac{1}{28}, \frac{3}{28}$	-2	$\frac{5}{28}, \frac{5}{14}$
-2	$\frac{1}{14}, \frac{3}{14}$	-2	$\frac{1}{4}, \frac{5}{14}$	-2	$\frac{1}{28}, \frac{1}{14}$	-2	$\frac{5}{28}, \frac{11}{28}$
-2	$\frac{3}{28}, \frac{3}{14}$	-2	$\frac{1}{4}, \frac{11}{28}$	-2	$\frac{1}{14}, \frac{1}{7}$	-2	$\frac{1}{4}, \frac{3}{7}$
-2	$\frac{1}{28}, \frac{1}{14}$	-2	$\frac{1}{4}, \frac{13}{28}$	2	$0, \frac{5}{28}$	2	$\frac{11}{28}, \frac{13}{28}$
-2	$\frac{1}{28}, \frac{3}{28}$	-2	$\frac{9}{28}, \frac{1}{2}$	-2	$\frac{5}{28}, \frac{11}{28}$	-2	$\frac{13}{28}, \frac{1}{2}$
$ D \equiv 5 \pmod{56}$							
2	$\frac{1}{7}, \frac{1}{4}$	2	$\frac{2}{7}, \frac{5}{14}$	2	$\frac{5}{28}, \frac{1}{4}$	-2	$\frac{9}{28}, \frac{5}{14}$
2	$\frac{3}{14}, \frac{1}{4}$	-2	$\frac{2}{7}, \frac{3}{7}$				
$ D \equiv 9 \pmod{56}$							
2	$0, \frac{1}{28}$	2	$\frac{3}{28}, \frac{9}{28}$	-2	$\frac{1}{28}, \frac{3}{28}$	-2	$\frac{5}{28}, \frac{5}{14}$
-2	$\frac{1}{14}, \frac{3}{14}$	-2	$\frac{1}{4}, \frac{5}{14}$	-2	$\frac{1}{28}, \frac{1}{14}$	-2	$\frac{5}{28}, \frac{11}{28}$
-2	$\frac{3}{28}, \frac{3}{14}$	-2	$\frac{1}{4}, \frac{11}{28}$	-2	$\frac{1}{28}, \frac{3}{14}$	-2	$\frac{9}{28}, \frac{11}{28}$
-2	$\frac{1}{14}, \frac{1}{7}$	-2	$\frac{1}{4}, \frac{3}{7}$	-2	$\frac{1}{28}, \frac{1}{14}$	-2	$\frac{1}{4}, \frac{13}{28}$
2	$0, \frac{5}{28}$	2	$\frac{11}{28}, \frac{13}{28}$	-2	$\frac{1}{28}, \frac{3}{28}$	-2	$\frac{9}{28}, \frac{1}{2}$

Table 3: $e = 4$ (continued)

\mathcal{C}_1	$\mathcal{Q}_1, \mathcal{Q}_2$	\mathcal{C}_2	$\mathcal{Q}_3, \mathcal{Q}_4$	\mathcal{C}_1	$\mathcal{Q}_1, \mathcal{Q}_2$	\mathcal{C}_2	$\mathcal{Q}_3, \mathcal{Q}_4$
-2	$\frac{1}{28}, \frac{1}{7}$	-2	$\frac{9}{28}, \frac{11}{28}$	2	$\frac{3}{14}, \frac{1}{4}$	-2	$\frac{2}{7}, \frac{3}{7}$
-2	$\frac{9}{28}, \frac{11}{28}$	2	$\frac{3}{7}, \frac{13}{28}$				

For the case $e = 5$ there were 1843 formulae, given below.

Table 4: Two Term Dirichlet Type Formulae, $e = 5$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 3 \pmod{40}$							
-2	$0, \frac{1}{5}$	2	$\frac{3}{10}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{3}{10}, \frac{2}{5}$
-2	$0, \frac{1}{5}$	2	$\frac{1}{5}, \frac{1}{2}$	-2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{1}{2}$
-4	$0, \frac{1}{5}$	2	$\frac{3}{10}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{3}{10}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{1}{2}$	2	$0, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{10}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{3}{10}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$
$ D \equiv 7 \pmod{40}$							
-1	$0, \frac{1}{10}$	2	$\frac{1}{10}, \frac{1}{5}$	1	$0, \frac{1}{10}$	2	$\frac{1}{5}, \frac{3}{10}$
$\frac{1}{2}$	$0, \frac{1}{5}$	$\frac{3}{2}$	$\frac{1}{5}, \frac{3}{10}$	$-\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{10}, \frac{2}{5}$
2	$0, \frac{1}{5}$	-6	$\frac{3}{10}, \frac{2}{5}$	2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{3}{10}, \frac{2}{5}$
1	$0, \frac{3}{10}$	-2	$\frac{3}{10}, \frac{2}{5}$	2	$0, \frac{1}{5}$	6	$\frac{1}{5}, \frac{1}{2}$
-1	$0, \frac{1}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$	-1	$0, \frac{1}{5}$	-3	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{1}{5}, \frac{3}{10}$	-1	$\frac{2}{5}, \frac{1}{2}$	-2	$0, \frac{2}{5}$	-6	$\frac{2}{5}, \frac{1}{2}$
$ D \equiv 11 \pmod{40}$							
-8	$0, \frac{1}{10}$	4	$\frac{1}{5}, \frac{1}{2}$	$-\frac{8}{3}$	$0, \frac{1}{5}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{1}{2}$
-4	$0, \frac{1}{5}$	2	$\frac{3}{10}, \frac{1}{2}$	8	$0, \frac{1}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$
-8	$0, \frac{1}{5}$	4	$\frac{2}{5}, \frac{1}{2}$	8	$0, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$
$\frac{8}{3}$	$0, \frac{2}{5}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 19 \pmod{40}$							
-8	$0, \frac{1}{10}$	4	$\frac{1}{5}, \frac{1}{2}$	$-\frac{8}{3}$	$0, \frac{1}{5}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{1}{2}$
-4	$0, \frac{1}{5}$	2	$\frac{3}{10}, \frac{1}{2}$	8	$0, \frac{1}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$
-8	$0, \frac{1}{5}$	4	$\frac{2}{5}, \frac{1}{2}$	8	$0, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$
$\frac{8}{3}$	$0, \frac{2}{5}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 23 \pmod{40}$							
-1	$0, \frac{1}{10}$	2	$\frac{1}{10}, \frac{1}{5}$	1	$0, \frac{1}{10}$	2	$\frac{1}{5}, \frac{3}{10}$
$\frac{1}{2}$	$0, \frac{1}{5}$	$\frac{3}{2}$	$\frac{1}{5}, \frac{3}{10}$	$-\frac{1}{2}$	$0, \frac{1}{10}$	1	$\frac{1}{10}, \frac{2}{5}$
2	$0, \frac{1}{5}$	-6	$\frac{3}{10}, \frac{2}{5}$	2	$\frac{1}{10}, \frac{1}{5}$	-2	$\frac{3}{10}, \frac{2}{5}$
1	$0, \frac{3}{10}$	-2	$\frac{3}{10}, \frac{2}{5}$	2	$0, \frac{1}{5}$	6	$\frac{1}{5}, \frac{1}{2}$
-1	$0, \frac{1}{10}$	-2	$\frac{2}{5}, \frac{1}{2}$	-1	$0, \frac{1}{5}$	-3	$\frac{2}{5}, \frac{1}{2}$
1	$\frac{1}{5}, \frac{3}{10}$	-1	$\frac{2}{5}, \frac{1}{2}$	-2	$0, \frac{2}{5}$	-6	$\frac{2}{5}, \frac{1}{2}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 27 \pmod{40}$							
-2	$0, \frac{1}{5}$	2	$\frac{3}{10}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{3}{10}, \frac{2}{5}$
-2	$0, \frac{1}{5}$	2	$\frac{1}{5}, \frac{1}{2}$	-2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{1}{2}$
-4	$0, \frac{1}{5}$	2	$\frac{3}{10}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{3}{10}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{1}{2}$	2	$0, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{10}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{3}{10}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$
$ D \equiv 7 \pmod{60}$							
-1	$0, \frac{1}{5}$	3	$\frac{1}{5}, \frac{1}{3}$	2	$0, \frac{1}{5}$	6	$\frac{1}{3}, \frac{2}{5}$
1	$0, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$				
$ D \equiv 11 \pmod{60}$							
4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{1}{3}$
-1	$\frac{2}{15}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{1}{3}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{1}{3}$	4	$\frac{2}{5}, \frac{7}{15}$
$ D \equiv 19 \pmod{60}$							
-2	$\frac{1}{15}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{4}{15}$	-2	$0, \frac{1}{5}$	2	$\frac{1}{5}, \frac{1}{3}$
2	$0, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{7}{15}$				
$ D \equiv 23 \pmod{60}$							
2	$0, \frac{1}{5}$	6	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{1}{3}$
-1	$0, \frac{1}{5}$	3	$\frac{1}{3}, \frac{2}{5}$	-2	$0, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{7}{15}$
$ D \equiv 31 \pmod{60}$							
-2	$\frac{1}{15}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{4}{15}$	-2	$0, \frac{1}{5}$	2	$\frac{1}{5}, \frac{1}{3}$
2	$0, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{7}{15}$				
$ D \equiv 43 \pmod{60}$							
-1	$0, \frac{1}{5}$	3	$\frac{1}{5}, \frac{1}{3}$	2	$0, \frac{1}{5}$	6	$\frac{1}{3}, \frac{2}{5}$
1	$0, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$				
$ D \equiv 47 \pmod{60}$							
2	$0, \frac{1}{5}$	6	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{1}{3}$
-1	$0, \frac{1}{5}$	3	$\frac{1}{3}, \frac{2}{5}$	-2	$0, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{7}{15}$
$ D \equiv 59 \pmod{60}$							
4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{1}{3}$
2	$\frac{1}{15}, \frac{1}{5}$	2	$\frac{4}{15}, \frac{2}{5}$	1	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{4}{15}, \frac{2}{5}$
-1	$\frac{2}{15}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{1}{3}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{1}{3}$	4	$\frac{2}{5}, \frac{7}{15}$
$ D \equiv 3 \pmod{40}$							
-2	$\frac{3}{20}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{7}{20}$	-2	0, $\frac{1}{5}$	2	$\frac{1}{4}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{4}, \frac{2}{5}$	2	$\frac{1}{5}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{2}{5}$
2	$\frac{3}{20}, \frac{7}{20}$	4	$\frac{7}{20}, \frac{2}{5}$	-2	$\frac{1}{20}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{9}{20}$
2	$\frac{1}{20}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{9}{20}$	-4	0, $\frac{1}{5}$	2	$\frac{1}{4}, \frac{1}{2}$
-4	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{4}, \frac{1}{2}$	4	$\frac{1}{5}, \frac{1}{4}$	2	$\frac{1}{4}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{1}{2}$	2	$\frac{1}{4}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$
$ D \equiv 7 \pmod{40}$							
2	0, $\frac{1}{5}$	6	$\frac{1}{5}, \frac{1}{4}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{2}{3}$	$\frac{3}{20}, \frac{7}{20}$
1	$\frac{1}{10}, \frac{3}{20}$	1	$\frac{1}{4}, \frac{7}{20}$	-2	$\frac{3}{20}, \frac{1}{4}$	2	$\frac{1}{4}, \frac{7}{20}$
2	$\frac{1}{10}, \frac{3}{20}$	2	$\frac{3}{10}, \frac{7}{20}$	2	$\frac{3}{20}, \frac{3}{10}$	-2	$\frac{3}{10}, \frac{7}{20}$
-1	0, $\frac{1}{10}$	2	$\frac{1}{4}, \frac{2}{5}$	-1	0, $\frac{1}{5}$	3	$\frac{1}{4}, \frac{2}{5}$
-2	0, $\frac{1}{4}$	4	$\frac{1}{4}, \frac{2}{5}$	2	0, $\frac{1}{4}$	-4	$\frac{3}{10}, \frac{2}{5}$
-2	$\frac{1}{20}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{1}{4}$	-2	$\frac{1}{4}, \frac{9}{20}$
2	$\frac{1}{20}, \frac{1}{10}$	-2	$\frac{3}{10}, \frac{9}{20}$	1	$\frac{1}{20}, \frac{1}{4}$	-1	$\frac{3}{10}, \frac{9}{20}$
$\frac{2}{3}$	$\frac{1}{20}, \frac{3}{10}$	$-\frac{2}{3}$	$\frac{3}{10}, \frac{9}{20}$	1	$\frac{1}{20}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{9}{20}$
1	$\frac{1}{10}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{1}{2}$	-2	$\frac{3}{20}, \frac{1}{4}$	-2	$\frac{7}{20}, \frac{1}{2}$
-2	$\frac{3}{20}, \frac{7}{20}$	-4	$\frac{7}{20}, \frac{1}{2}$	-2	0, $\frac{1}{4}$	-4	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{5}, \frac{1}{4}$	-2	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{1}{20}, \frac{1}{4}$	2	$\frac{9}{20}, \frac{1}{2}$
1	$\frac{1}{20}, \frac{3}{10}$	1	$\frac{9}{20}, \frac{1}{2}$	2	$\frac{1}{20}, \frac{9}{20}$	4	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 11 \pmod{40}$							
4	0, $\frac{1}{10}$	4	$\frac{1}{5}, \frac{1}{4}$	-4	0, $\frac{1}{5}$	4	$\frac{1}{4}, \frac{3}{10}$
4	$\frac{1}{10}, \frac{3}{20}$	4	$\frac{1}{5}, \frac{7}{20}$	-2	$\frac{3}{20}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{7}{20}$
-4	$\frac{3}{20}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{7}{20}$	-4	0, $\frac{1}{10}$	4	$\frac{1}{4}, \frac{2}{5}$
-2	0, $\frac{1}{5}$	2	$\frac{1}{4}, \frac{2}{5}$	-4	$\frac{1}{10}, \frac{3}{20}$	4	$\frac{7}{20}, \frac{2}{5}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{3}{20}, \frac{3}{10}$	4	$\frac{7}{20}, \frac{2}{5}$	2	$\frac{3}{20}, \frac{7}{20}$	4	$\frac{7}{20}, \frac{2}{5}$
-4	$\frac{1}{20}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{9}{20}$	-2	$\frac{1}{20}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{9}{20}$
-4	$\frac{1}{20}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{9}{20}$	4	$\frac{1}{20}, \frac{1}{10}$	-4	$\frac{2}{5}, \frac{9}{20}$
4	$\frac{1}{20}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{9}{20}$
-4	0, $\frac{1}{5}$	$\frac{4}{3}$	$\frac{1}{4}, \frac{1}{2}$	4	$\frac{1}{5}, \frac{1}{4}$	$\frac{4}{3}$	$\frac{1}{4}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{1}{10}, \frac{1}{4}$	-4	$\frac{2}{5}, \frac{1}{2}$
8	$\frac{1}{5}, \frac{1}{4}$	4	$\frac{2}{5}, \frac{1}{2}$	8	$\frac{1}{4}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$
$\frac{8}{3}$	$\frac{1}{4}, \frac{2}{5}$	$\frac{-4}{3}$	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 19 \pmod{40}$							
4	0, $\frac{1}{10}$	4	$\frac{1}{5}, \frac{1}{4}$	-4	0, $\frac{1}{5}$	4	$\frac{1}{4}, \frac{3}{10}$
4	$\frac{1}{10}, \frac{3}{20}$	4	$\frac{1}{5}, \frac{7}{20}$	-2	$\frac{3}{20}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{7}{20}$
-4	$\frac{3}{20}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{7}{20}$	-4	0, $\frac{1}{10}$	4	$\frac{1}{4}, \frac{2}{5}$
-2	0, $\frac{1}{5}$	2	$\frac{1}{4}, \frac{2}{5}$	-4	$\frac{1}{10}, \frac{3}{20}$	4	$\frac{7}{20}, \frac{2}{5}$
4	$\frac{3}{20}, \frac{3}{10}$	4	$\frac{7}{20}, \frac{2}{5}$	2	$\frac{3}{20}, \frac{7}{20}$	4	$\frac{7}{20}, \frac{2}{5}$
-4	$\frac{1}{20}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{9}{20}$	-2	$\frac{1}{20}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{9}{20}$
-4	$\frac{1}{20}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{9}{20}$	4	$\frac{1}{20}, \frac{1}{10}$	-4	$\frac{2}{5}, \frac{9}{20}$
4	$\frac{1}{20}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{9}{20}$
-4	0, $\frac{1}{5}$	$\frac{4}{3}$	$\frac{1}{4}, \frac{1}{2}$	4	$\frac{1}{5}, \frac{1}{4}$	$\frac{4}{3}$	$\frac{1}{4}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{1}{10}, \frac{1}{4}$	-4	$\frac{2}{5}, \frac{1}{2}$
8	$\frac{1}{5}, \frac{1}{4}$	4	$\frac{2}{5}, \frac{1}{2}$	8	$\frac{1}{4}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$
$\frac{8}{3}$	$\frac{1}{4}, \frac{2}{5}$	$\frac{-4}{3}$	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 23 \pmod{40}$							
2	0, $\frac{1}{5}$	6	$\frac{1}{5}, \frac{1}{4}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{2}{3}$	$\frac{3}{20}, \frac{7}{20}$
1	$\frac{1}{10}, \frac{3}{20}$	1	$\frac{1}{4}, \frac{7}{20}$	-2	$\frac{3}{20}, \frac{1}{4}$	2	$\frac{1}{4}, \frac{7}{20}$
2	$\frac{1}{10}, \frac{3}{20}$	2	$\frac{3}{10}, \frac{7}{20}$	2	$\frac{3}{20}, \frac{3}{10}$	-2	$\frac{3}{10}, \frac{7}{20}$
-1	0, $\frac{1}{10}$	2	$\frac{1}{4}, \frac{2}{5}$	-1	0, $\frac{1}{5}$	3	$\frac{1}{4}, \frac{2}{5}$
-2	0, $\frac{1}{4}$	4	$\frac{1}{4}, \frac{2}{5}$	2	0, $\frac{1}{4}$	-4	$\frac{3}{10}, \frac{2}{5}$
-2	$\frac{1}{20}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{1}{4}$	-2	$\frac{1}{4}, \frac{9}{20}$
2	$\frac{1}{20}, \frac{1}{10}$	-2	$\frac{3}{10}, \frac{9}{20}$	1	$\frac{1}{20}, \frac{1}{4}$	-1	$\frac{3}{10}, \frac{9}{20}$
$\frac{2}{3}$	$\frac{1}{20}, \frac{3}{10}$	$\frac{-2}{3}$	$\frac{3}{10}, \frac{9}{20}$	1	$\frac{1}{20}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{9}{20}$
1	$\frac{1}{10}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{1}{2}$	-2	$\frac{3}{20}, \frac{1}{4}$	-2	$\frac{7}{20}, \frac{1}{2}$
-2	$\frac{3}{20}, \frac{7}{20}$	-4	$\frac{7}{20}, \frac{1}{2}$	-2	0, $\frac{1}{4}$	-4	$\frac{2}{5}, \frac{1}{2}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{5}, \frac{1}{4}$	-2	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{1}{20}, \frac{1}{4}$	2	$\frac{9}{20}, \frac{1}{2}$
1	$\frac{1}{20}, \frac{3}{10}$	1	$\frac{9}{20}, \frac{1}{2}$	2	$\frac{1}{20}, \frac{9}{20}$	4	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 27 \pmod{40}$							
-2	$\frac{3}{20}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{7}{20}$	-2	0, $\frac{1}{5}$	2	$\frac{1}{4}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{4}, \frac{2}{5}$	2	$\frac{1}{5}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{2}{5}$
2	$\frac{3}{20}, \frac{7}{20}$	4	$\frac{7}{20}, \frac{2}{5}$	-2	$\frac{1}{20}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{9}{20}$
2	$\frac{1}{20}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{9}{20}$	-4	0, $\frac{1}{5}$	2	$\frac{1}{4}, \frac{1}{2}$
-4	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{4}, \frac{1}{2}$	4	$\frac{1}{5}, \frac{1}{4}$	2	$\frac{1}{4}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{1}{4}$	2	$\frac{3}{10}, \frac{1}{2}$	2	$\frac{1}{4}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$
$ D \equiv 31 \pmod{40}$							
$\frac{4}{3}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{2}{3}$	$\frac{3}{20}, \frac{7}{20}$	$\frac{4}{5}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{4}{5}$	$\frac{1}{5}, \frac{7}{20}$
-1	$\frac{3}{20}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{7}{20}$	1	$\frac{1}{10}, \frac{3}{20}$	1	$\frac{1}{4}, \frac{7}{20}$
$-\frac{4}{3}$	$\frac{3}{20}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{1}{4}, \frac{7}{20}$	-2	$\frac{3}{20}, \frac{1}{4}$	2	$\frac{1}{4}, \frac{7}{20}$
2	$\frac{1}{10}, \frac{3}{20}$	2	$\frac{3}{10}, \frac{7}{20}$	-4	$\frac{3}{20}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{7}{20}$
2	$\frac{3}{20}, \frac{3}{10}$	-2	$\frac{3}{10}, \frac{7}{20}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{3}{20}$	$-\frac{4}{3}$	$\frac{7}{20}, \frac{2}{5}$
-4	$\frac{3}{20}, \frac{1}{4}$	-4	$\frac{7}{20}, \frac{2}{5}$	4	$\frac{3}{20}, \frac{3}{10}$	4	$\frac{7}{20}, \frac{2}{5}$
-2	$\frac{1}{20}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{9}{20}$	-4	$\frac{1}{20}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{9}{20}$
4	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{1}{4}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{1}{4}$	-2	$\frac{1}{4}, \frac{9}{20}$
$\frac{4}{3}$	$\frac{1}{20}, \frac{1}{5}$	$-\frac{4}{3}$	$\frac{3}{10}, \frac{9}{20}$	1	$\frac{1}{20}, \frac{1}{4}$	-1	$\frac{3}{10}, \frac{9}{20}$
$\frac{2}{3}$	$\frac{1}{20}, \frac{3}{10}$	$-\frac{2}{3}$	$\frac{3}{10}, \frac{9}{20}$	1	$\frac{1}{20}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{9}{20}$
4	$\frac{1}{20}, \frac{1}{10}$	-4	$\frac{2}{5}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{1}{5}$	-2	$\frac{2}{5}, \frac{9}{20}$
$\frac{4}{3}$	$\frac{1}{20}, \frac{1}{4}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{9}{20}$	$\frac{4}{5}$	$\frac{1}{20}, \frac{3}{10}$	$-\frac{4}{5}$	$\frac{2}{5}, \frac{9}{20}$
1	$\frac{1}{20}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{9}{20}$	1	$\frac{1}{10}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{1}{2}$
$-\frac{4}{3}$	$\frac{3}{20}, \frac{1}{5}$	$-\frac{4}{3}$	$\frac{7}{20}, \frac{1}{2}$	-2	$\frac{3}{20}, \frac{1}{4}$	-2	$\frac{7}{20}, \frac{1}{2}$
-2	$\frac{3}{20}, \frac{7}{20}$	-4	$\frac{7}{20}, \frac{1}{2}$	4	$\frac{1}{20}, \frac{1}{5}$	4	$\frac{9}{20}, \frac{1}{2}$
2	$\frac{1}{20}, \frac{1}{4}$	2	$\frac{9}{20}, \frac{1}{2}$	1	$\frac{1}{20}, \frac{3}{10}$	1	$\frac{9}{20}, \frac{1}{2}$
$\frac{4}{3}$	$\frac{1}{20}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{9}{20}, \frac{1}{2}$	2	$\frac{1}{20}, \frac{9}{20}$	4	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 39 \pmod{40}$							
$\frac{4}{3}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{2}{3}$	$\frac{3}{20}, \frac{7}{20}$	$\frac{4}{5}$	$\frac{1}{10}, \frac{3}{20}$	$\frac{4}{5}$	$\frac{1}{5}, \frac{7}{20}$
-1	$\frac{3}{20}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{7}{20}$	1	$\frac{1}{10}, \frac{3}{20}$	1	$\frac{1}{4}, \frac{7}{20}$
$-\frac{4}{3}$	$\frac{3}{20}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{1}{4}, \frac{7}{20}$	-2	$\frac{3}{20}, \frac{1}{4}$	2	$\frac{1}{4}, \frac{7}{20}$
-4	$\frac{3}{20}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{7}{20}$	2	$\frac{3}{20}, \frac{3}{10}$	-2	$\frac{3}{10}, \frac{7}{20}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$\frac{4}{3}$	$\frac{1}{10}, \frac{3}{20}$	$-\frac{4}{3}$	$\frac{7}{20}, \frac{2}{5}$	-2	$\frac{3}{20}, \frac{1}{5}$	-2	$\frac{7}{20}, \frac{2}{5}$
-4	$\frac{3}{20}, \frac{1}{4}$	-4	$\frac{7}{20}, \frac{2}{5}$	4	$\frac{3}{20}, \frac{3}{10}$	4	$\frac{7}{20}, \frac{2}{5}$
-2	$\frac{1}{20}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{9}{20}$	-4	$\frac{1}{20}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{9}{20}$
4	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{1}{4}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{1}{4}$	-2	$\frac{1}{4}, \frac{9}{20}$
2	$\frac{1}{20}, \frac{1}{10}$	-2	$\frac{3}{10}, \frac{9}{20}$	4	$\frac{1}{20}, \frac{1}{5}$	$-\frac{4}{3}$	$\frac{3}{10}, \frac{9}{20}$
1	$\frac{1}{20}, \frac{1}{4}$	-1	$\frac{3}{10}, \frac{9}{20}$	$\frac{2}{3}$	$\frac{1}{20}, \frac{3}{10}$	$-\frac{2}{3}$	$\frac{3}{10}, \frac{9}{20}$
1	$\frac{1}{20}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{9}{20}$	2	$\frac{1}{20}, \frac{1}{5}$	-2	$\frac{2}{5}, \frac{9}{20}$
$\frac{4}{3}$	$\frac{1}{20}, \frac{1}{4}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{9}{20}$	$\frac{4}{5}$	$\frac{1}{20}, \frac{3}{10}$	$-\frac{4}{5}$	$\frac{2}{5}, \frac{9}{20}$
1	$\frac{1}{20}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{9}{20}$	1	$\frac{1}{10}, \frac{3}{20}$	-1	$\frac{7}{20}, \frac{1}{2}$
$-\frac{4}{3}$	$\frac{3}{20}, \frac{1}{5}$	$-\frac{4}{3}$	$\frac{7}{20}, \frac{1}{2}$	-2	$\frac{3}{20}, \frac{1}{4}$	-2	$\frac{7}{20}, \frac{1}{2}$
-2	$\frac{3}{20}, \frac{7}{20}$	-4	$\frac{7}{20}, \frac{1}{2}$	4	$\frac{1}{20}, \frac{1}{5}$	4	$\frac{9}{20}, \frac{1}{2}$
2	$\frac{1}{20}, \frac{1}{4}$	2	$\frac{9}{20}, \frac{1}{2}$	1	$\frac{1}{20}, \frac{3}{10}$	1	$\frac{9}{20}, \frac{1}{2}$
$\frac{4}{3}$	$\frac{1}{20}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{9}{20}, \frac{1}{2}$	2	$\frac{1}{20}, \frac{9}{20}$	4	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 7 \pmod{120}$							
2	$0, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$	2	$0, \frac{1}{15}$	2	$\frac{1}{10}, \frac{4}{15}$
-2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{4}{15}$	$\frac{2}{3}$	$0, \frac{1}{6}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{3}{10}$
-2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{7}{30}, \frac{3}{10}$	-2	$0, \frac{1}{15}$	2	$\frac{4}{15}, \frac{3}{10}$
2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{3}{10}$	-1	$0, \frac{1}{10}$	1	$\frac{1}{10}, \frac{1}{3}$
-2	$0, \frac{1}{10}$	2	$\frac{1}{6}, \frac{1}{3}$	-1	$0, \frac{1}{10}$	2	$\frac{1}{5}, \frac{1}{3}$
-2	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{1}{3}$
2	$0, \frac{1}{6}$	-2	$\frac{3}{10}, \frac{1}{3}$	2	$0, \frac{1}{5}$	-3	$\frac{3}{10}, \frac{1}{3}$
2	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{1}{3}$	1	$0, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{1}{3}$
2	$\frac{1}{5}, \frac{3}{10}$	1	$\frac{3}{10}, \frac{1}{3}$	-1	$\frac{1}{30}, \frac{1}{10}$	1	$\frac{1}{10}, \frac{11}{30}$
-2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{6}, \frac{11}{30}$	2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{11}{30}$
2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{11}{30}$	-1	$0, \frac{1}{10}$	2	$\frac{1}{6}, \frac{2}{5}$
-2	$0, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$	2	$0, \frac{1}{6}$	-4	$\frac{3}{10}, \frac{2}{5}$
2	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{3}, \frac{2}{5}$
1	$0, \frac{3}{10}$	2	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{6}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{13}{30}$	2	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{7}{30}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{3}{10}, \frac{13}{30}$	-2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{13}{30}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$\frac{7}{30}, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{13}{30}$	-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{10}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$
-2	$0, \frac{2}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{7}{15}$	2	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$
-2	$0, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{1}{2}$	-4	$0, \frac{1}{5}$	-6	$\frac{1}{3}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{3}, \frac{1}{2}$	-4	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{1}{2}$
2	$0, \frac{3}{10}$	2	$\frac{1}{3}, \frac{1}{2}$	$\frac{4}{3}, \frac{1}{5}, \frac{3}{10}$	$\frac{-2}{3}$		$\frac{1}{3}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{1}{2}$	-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{1}{2}$	-2	$0, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$	-1	$0, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{13}{30}, \frac{1}{2}$				
$ D \equiv 11 \pmod{120}$							
2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{1}{10}, \frac{4}{15}$
2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{6}, \frac{4}{15}$
4	$\frac{1}{15}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$
4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{4}{15}$	2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{4}{15}, \frac{3}{10}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{3}{10}$	4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{3}{10}$
-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{3}{10}$	-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{3}{10}$
2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{4}{15}, \frac{1}{3}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{1}{3}$	-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{1}{3}$
-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{11}{30}$
-4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{11}{30}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{11}{30}$
-4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{11}{30}$
4	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{7}{30}, \frac{11}{30}$	-4	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{7}{30}, \frac{11}{30}$
-2	$\frac{2}{15}, \frac{1}{5}$	1	$\frac{7}{30}, \frac{11}{30}$	4	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{11}{30}$
-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{4}{15}, \frac{11}{30}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{3}{10}, \frac{11}{30}$
-4	$\frac{1}{30}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{3}, \frac{11}{30}$
-4	$\frac{1}{30}, \frac{1}{5}$	4	$\frac{1}{3}, \frac{11}{30}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{10}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{2}{5}$
-4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{4}{15}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{2}{5}$
-1	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{2}{5}$	$\frac{-4}{3}$	$\frac{2}{15}, \frac{7}{30}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{2}{5}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{15}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{3}{10}$	4	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{3}$	4	$\frac{11}{30}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{5}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$	2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{13}{30}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{13}{30}$	$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{13}{30}$	-2	$\frac{1}{30}, \frac{4}{15}$	2	$\frac{4}{15}, \frac{13}{30}$
4	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{3}{10}, \frac{13}{30}$	-2	$\frac{2}{15}, \frac{4}{15}$	2	$\frac{3}{10}, \frac{13}{30}$
4	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{1}{3}, \frac{13}{30}$	-2	$\frac{2}{15}, \frac{4}{15}$	2	$\frac{1}{3}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{13}{30}$	-4	$\frac{2}{15}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{13}{30}$
-4	$\frac{1}{10}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{13}{30}$	-4	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{13}{30}$
-4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{6}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{7}{30}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{7}{30}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{7}{30}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{2}{15}, \frac{7}{15}$	2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{4}{15}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{7}{15}$	$-\frac{4}{3}$	$\frac{1}{30}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{3}{10}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{3}{10}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{3}{10}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{6}{30}$	2	$\frac{3}{10}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{4}{15}$	2	$\frac{3}{10}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{1}{3}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{1}{3}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{4}{15}$	2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{11}{30}, \frac{7}{15}$
-4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{10}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{7}{30}$	4	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{4}{15}$	4	$\frac{2}{5}, \frac{7}{15}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$\frac{2}{15}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{13}{30}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{13}{30}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{3}{10}$	2	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{3}$	2	$\frac{13}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{13}{30}, \frac{7}{15}$
-8	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$	-4	$0, \frac{1}{5}$	2	$\frac{1}{3}, \frac{1}{2}$
8	$0, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$	8	$0, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
$ D \equiv 19 \pmod{120}$							
8	$0, \frac{1}{10}$	-4	$\frac{1}{6}, \frac{1}{5}$	-8	$0, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$
-4	$\frac{1}{15}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$
-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{3}{10}$	-4	$0, \frac{1}{10}$	4	$\frac{1}{5}, \frac{1}{3}$
4	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$
$-\frac{4}{3}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{8}{3}$	$\frac{1}{5}, \frac{1}{3}$	-4	$0, \frac{1}{5}$	4	$\frac{3}{10}, \frac{1}{3}$
-4	$\frac{1}{6}, \frac{1}{5}$	8	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{11}{30}$
4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{11}{30}$
-4	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{7}{30}, \frac{11}{30}$	-4	$\frac{1}{30}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$
-8	$0, \frac{1}{10}$	4	$\frac{1}{6}, \frac{2}{5}$	8	$0, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$
4	$\frac{1}{15}, \frac{1}{10}$	4	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{4}{15}, \frac{2}{5}$
-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{2}{15}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{2}{5}$
4	$0, \frac{1}{10}$	4	$\frac{1}{3}, \frac{2}{5}$	-4	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$	4	$\frac{1}{6}, \frac{1}{5}$	8	$\frac{1}{3}, \frac{2}{5}$
4	$0, \frac{3}{10}$	4	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{6}, \frac{3}{10}$	4	$\frac{1}{3}, \frac{2}{5}$
$\frac{4}{3}$	$\frac{1}{6}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{11}{30}, \frac{2}{5}$
-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{3}{10}$	4	$\frac{11}{30}, \frac{2}{5}$
2	$\frac{1}{30}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{5}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$
-4	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{13}{30}$	4	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{3}{10}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{1}{5}$	2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{13}{30}$
-4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{2}{15}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{7}{30}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{7}{30}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{7}{15}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{10}, \frac{2}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$
-4	$\frac{1}{15}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$
2	$\frac{7}{30}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{13}{30}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{2}{5}$	4	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$	8	0, $\frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$	-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{1}{2}$	-4	0, $\frac{1}{5}$	4	$\frac{1}{3}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	8	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{5}, \frac{1}{3}$	-4	$\frac{1}{3}, \frac{1}{2}$
-8	0, $\frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$	4	0, $\frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
8	$\frac{1}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$	$\frac{8}{3}$	$\frac{1}{6}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
$\frac{8}{3}$	$\frac{1}{5}, \frac{1}{3}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{1}{2}$	8	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$	8	$\frac{1}{3}, \frac{2}{5}$	4	$\frac{2}{5}, \frac{1}{2}$
$ D \equiv 23 \pmod{120}$							
1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$
2	0, $\frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{15}, \frac{7}{30}$
1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{4}{15}$
2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{2}{15}, \frac{4}{15}$	1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$
2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{6}, \frac{4}{15}$	$\frac{2}{3}$	0, $\frac{1}{6}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{3}{10}$
2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{4}{15}, \frac{3}{10}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{2}{3}$	$\frac{4}{15}, \frac{3}{10}$	1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{3}{10}$
$\frac{2}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{3}$
2	0, $\frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$	1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{1}{3}$
1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{1}{3}$
2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{6}, \frac{11}{30}$
4	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{7}{30}, \frac{11}{30}$	$\frac{4}{5}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{2}{5}$	$\frac{7}{30}, \frac{11}{30}$
$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{7}{30}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{4}{15}, \frac{11}{30}$
2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{4}{15}, \frac{11}{30}$
1	$\frac{1}{15}, \frac{7}{30}$	-1	$\frac{4}{15}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{3}{10}, \frac{11}{30}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{11}{30}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$\frac{1}{2}$	$\frac{1}{30}, \frac{3}{10}$	$-\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{3}{10}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{11}{30}$	-1	0, $\frac{1}{10}$	2	$\frac{1}{6}, \frac{2}{5}$
-2	0, $\frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$	2	0, $\frac{1}{6}$	-4	$\frac{3}{10}, \frac{2}{5}$
-1	0, $\frac{1}{10}$	2	$\frac{1}{3}, \frac{2}{5}$	-2	0, $\frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{5}, \frac{3}{10}$	1	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{13}{30}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{15}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{13}{30}$	1	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$
1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{4}{15}, \frac{13}{30}$	2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{13}{30}$
$\frac{2}{5}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{4}{5}$	$\frac{4}{15}, \frac{13}{30}$	2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{3}{10}, \frac{13}{30}$	3	$\frac{1}{15}, \frac{7}{30}$	3	$\frac{4}{15}, \frac{13}{30}$
$\frac{2}{3}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{1}{3}, \frac{13}{30}$	1	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{3}{10}, \frac{13}{30}$
-2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{13}{30}$	1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{15}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{13}{30}$	-1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{1}{3}, \frac{13}{30}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{11}{30}, \frac{13}{30}$
$\frac{4}{3}$	$\frac{2}{15}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{13}{30}$	$\frac{4}{5}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{2}{5}$	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{10}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{1}{6}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{2}{15}, \frac{7}{15}$
1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{2}{15}$	3	$\frac{2}{15}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{3}{10}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{7}{30}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{7}{30}$	-1	$\frac{3}{10}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{1}{3}, \frac{7}{15}$	$\frac{2}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{3}{10}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{7}{30}$	-4	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{10}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{4}{15}$	1	$\frac{11}{30}, \frac{7}{15}$	$\frac{2}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{7}{15}$
$\frac{2}{3}$	$\frac{1}{15}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{7}{15}$	$\frac{2}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{2}$	1	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{1}{2}$	2	$\frac{2}{15}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{1}{2}$	2	0, $\frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$
				1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{2}$
				2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{1}{2}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{11}{30}, \frac{1}{2}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{11}{30}$	2	$\frac{11}{30}, \frac{1}{2}$	-2	$0, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$	-2	$0, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$	$\frac{2}{3}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{-2}{3}$	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{7}{30}, \frac{1}{3}$	-1	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{7}{15}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{7}{15}, \frac{1}{2}$	2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{2}{15}, \frac{1}{3}$	-2	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{4}{15}, \frac{11}{30}$	-2	$\frac{7}{15}, \frac{1}{2}$
1	$\frac{4}{15}, \frac{13}{30}$	-1	$\frac{7}{15}, \frac{1}{2}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{13}{30}$	$\frac{-4}{3}$	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{2}{15}, \frac{7}{15}$	-4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 31 \pmod{120}$							
2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{1}{5}$
4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{7}{30}$	-1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{1}{10}, \frac{4}{15}$
-2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{1}{6}, \frac{4}{15}$
$\frac{-4}{3}$	$\frac{1}{15}, \frac{1}{10}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$
-4	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{2}{15}, \frac{3}{10}$
-2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{3}{10}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{3}{10}$	4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{3}{10}$
1	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{4}{15}, \frac{3}{10}$	-1	$0, \frac{1}{10}$	1	$\frac{1}{10}, \frac{1}{3}$
-2	$0, \frac{1}{10}$	2	$\frac{1}{6}, \frac{1}{3}$	$\frac{-4}{3}$	$0, \frac{1}{10}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{1}{3}$
-4	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$	2	$0, \frac{1}{6}$	-2	$\frac{3}{10}, \frac{1}{3}$
4	$0, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{3}$	1	$0, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{1}{3}$
-1	$\frac{1}{30}, \frac{1}{10}$	1	$\frac{1}{10}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{6}, \frac{11}{30}$
$\frac{-4}{3}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{11}{30}$	-4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{11}{30}$
-2	$\frac{1}{30}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{11}{30}$	-2	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{7}{30}, \frac{11}{30}$
-4	$\frac{1}{15}, \frac{1}{5}$	2	$\frac{7}{30}, \frac{11}{30}$	2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{11}{30}$
-4	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{3}{10}, \frac{11}{30}$
4	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{1}{30}, \frac{1}{15}$	4	$\frac{2}{15}, \frac{2}{5}$
-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{7}{30}, \frac{2}{5}$	-4	$\frac{1}{15}, \frac{1}{10}$	-4	$\frac{4}{15}, \frac{2}{5}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{4}{15}, \frac{2}{5}$
-4	$0, \frac{1}{10}$	-4	$\frac{1}{3}, \frac{2}{5}$	4	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$
$\frac{4}{3}$	$0, \frac{3}{10}$	$\frac{4}{3}$	$\frac{1}{3}, \frac{2}{5}$	-4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{2}{5}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{2}{5}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{13}{30}$	-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{7}{30}, \frac{13}{30}$	4	$\frac{1}{5}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{13}{30}$	-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{3}{10}, \frac{13}{30}$	-2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{13}{30}$
-4	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{3}{10}, \frac{13}{30}$	1	$\frac{7}{30}, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{11}{30}, \frac{13}{30}$	-4	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{2}{15}, \frac{3}{10}$	1	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{2}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{10}, \frac{7}{30}$	4	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{6}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$
$\frac{4}{3}$	$\frac{7}{30}, \frac{3}{10}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{7}{30}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{10}, \frac{7}{15}$	2	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{2}{15}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{1}{15}$	4	$\frac{1}{5}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{7}{30}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{7}{15}$	4	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{3}{10}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{7}{15}$	1	$\frac{1}{30}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{7}{15}$	1	$\frac{2}{15}, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{4}{15}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{2}{15}, \frac{3}{10}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{4}{15}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$	-2	$0, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{1}{2}$
-4	$0, \frac{1}{5}$	-4	$\frac{1}{3}, \frac{1}{2}$	2	$0, \frac{3}{10}$	2	$\frac{1}{3}, \frac{1}{2}$
-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{11}{30}, \frac{1}{2}$	-4	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{1}{2}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{30}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{7}{30}, \frac{2}{5}$	4	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{7}{15}, \frac{1}{2}$	2	$\frac{2}{15}, \frac{3}{10}$	2	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{2}{15}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 43 \pmod{120}$							
-10	$0, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$	-10	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$
-6	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$	-6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$
6	$\frac{1}{6}, \frac{1}{5}$	10	$\frac{1}{5}, \frac{3}{10}$	2	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$
2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{1}{10}, \frac{1}{5}$	3	$\frac{1}{5}, \frac{1}{3}$
$-\frac{2}{3}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{10}{3}$	$\frac{1}{5}, \frac{1}{3}$	-4	$0, \frac{1}{5}$	3	$\frac{3}{10}, \frac{1}{3}$
-4	$\frac{1}{10}, \frac{1}{5}$	3	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{1}{6}, \frac{1}{5}$	5	$\frac{3}{10}, \frac{1}{3}$
4	$\frac{1}{5}, \frac{3}{10}$	3	$\frac{3}{10}, \frac{1}{3}$	10	$0, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$
10	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$	6	$0, \frac{1}{6}$	4	$\frac{3}{10}, \frac{2}{5}$
6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{3}{10}, \frac{2}{5}$	$-\frac{3}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{5}{2}$	$\frac{3}{10}, \frac{2}{5}$
-6	$\frac{1}{6}, \frac{3}{10}$	4	$\frac{3}{10}, \frac{2}{5}$	-2	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{10}, \frac{1}{5}$	6	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{6}, \frac{1}{5}$	5	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{6}, \frac{3}{10}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{5}, \frac{3}{10}$	6	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$
$\frac{2}{3}$	$\frac{1}{6}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{3}{10}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$
6	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$	6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$
$-\frac{3}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{5}{2}$	$\frac{1}{5}, \frac{1}{2}$	-4	$\frac{1}{6}, \frac{1}{5}$	$\frac{10}{3}$	$\frac{3}{10}, \frac{1}{2}$
-4	$0, \frac{1}{5}$	6	$\frac{1}{3}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{1}{5}$	6	$\frac{1}{3}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	10	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{5}, \frac{3}{10}$	6	$\frac{1}{3}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{1}{3}, \frac{1}{2}$	-6	$0, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$
-6	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$	6	$\frac{1}{6}, \frac{1}{5}$	-10	$\frac{2}{5}, \frac{1}{2}$
6	$\frac{1}{6}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$	3	$0, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
3	$\frac{1}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{1}{6}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
3	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{2}{5}, \frac{1}{2}$	3	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
$\frac{3}{2}$	$\frac{1}{6}, \frac{2}{5}$	$-\frac{5}{2}$	$\frac{2}{5}, \frac{1}{2}$	6	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{2}{5}, \frac{1}{2}$
$ D \equiv 47 \pmod{120}$							
1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$0, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{15}, \frac{7}{30}$
1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{4}{15}$
2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{2}{15}, \frac{4}{15}$	1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$
2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{6}, \frac{4}{15}$	$\frac{2}{3}$	$0, \frac{1}{6}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{3}{10}$
2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{4}{15}, \frac{3}{10}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{2}{3}$	$\frac{4}{15}, \frac{3}{10}$	1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{3}{10}$
$\frac{2}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{3}$
2	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$	1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{1}{3}$
1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{1}{3}$
2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{6}, \frac{11}{30}$
4	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{7}{30}, \frac{11}{30}$	$\frac{4}{5}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{2}{5}$	$\frac{7}{30}, \frac{11}{30}$
$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{7}{30}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{4}{15}, \frac{11}{30}$
2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{4}{15}, \frac{11}{30}$
1	$\frac{1}{15}, \frac{7}{30}$	-1	$\frac{4}{15}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{10}{30}$	-1	$\frac{3}{10}, \frac{11}{30}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{11}{30}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{3}{10}$	$-\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{1}{30}, \frac{3}{10}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{11}{30}$	-1	$0, \frac{1}{10}$	2	$\frac{1}{6}, \frac{2}{5}$
-2	$0, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$	2	$0, \frac{1}{6}$	-4	$\frac{3}{10}, \frac{2}{5}$
-1	$0, \frac{1}{10}$	2	$\frac{1}{3}, \frac{2}{5}$	-2	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{5}, \frac{3}{10}$	1	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{13}{30}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{15}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{13}{30}$	1	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$
1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{4}{15}, \frac{13}{30}$	2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{13}{30}$
$\frac{2}{5}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{4}{5}$	$\frac{4}{15}, \frac{13}{30}$	$\frac{2}{3}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{4}{15}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{3}{10}, \frac{13}{30}$	1	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{3}{10}, \frac{13}{30}$
$\frac{2}{3}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{1}{3}, \frac{13}{30}$	1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$
-2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{1}{3}, \frac{13}{30}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{15}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{11}{30}, \frac{13}{30}$	1	$\frac{1}{30}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{11}{30}, \frac{13}{30}$
$\frac{4}{5}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{2}{5}$	$\frac{11}{30}, \frac{13}{30}$	$\frac{2}{3}$	$\frac{2}{15}, \frac{3}{30}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{2}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{4}{15}, \frac{11}{30}$	2	$\frac{11}{30}, \frac{13}{30}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{10}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{2}{3}$	$\frac{2}{15}, \frac{7}{15}$	1	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{1}{6}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{7}{15}$	1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{7}{30}, \frac{7}{15}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$	2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{3}{10}, \frac{7}{15}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{3}{10}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{7}{30}$	-1	$\frac{3}{10}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{3}{10}$	-2	$\frac{3}{10}, \frac{7}{15}$	1	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{7}{30}$	-4	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{11}{30}, \frac{7}{15}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{11}{30}, \frac{7}{15}$
$\frac{2}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{1}{10}, \frac{4}{15}$	1	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$	$\frac{2}{3}$	$\frac{1}{15}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{7}{30}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{2}$	2	0, $\frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{1}{2}$	2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{11}{30}, \frac{1}{2}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{11}{30}$	2	$\frac{11}{30}, \frac{1}{2}$	-2	0, $\frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$	-2	0, $\frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$	$\frac{2}{3}$	$\frac{1}{10}, \frac{7}{30}$	$-\frac{2}{3}$	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{7}{30}, \frac{1}{3}$	-1	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{7}{15}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{7}{15}, \frac{1}{2}$	2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{2}{15}, \frac{1}{3}$	-2	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{4}{15}, \frac{11}{30}$	-2	$\frac{7}{15}, \frac{1}{2}$
1	$\frac{4}{15}, \frac{13}{30}$	-1	$\frac{7}{15}, \frac{1}{2}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{13}{30}$	$-\frac{4}{3}$	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{2}{15}, \frac{7}{15}$	-4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 59 \pmod{120}$							
2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{1}{10}, \frac{4}{15}$
2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{6}, \frac{4}{15}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{15}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$
4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{4}{15}$	2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{4}{15}, \frac{3}{10}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{3}{10}$	4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{3}{10}$
-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{3}{10}$	-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{3}{10}$
2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{4}{15}, \frac{1}{3}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{1}{3}$	-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{1}{3}$
-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{11}{30}$
-4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{11}{30}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{11}{30}$
-4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{11}{30}$
4	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{7}{30}, \frac{11}{30}$	-4	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{7}{30}, \frac{11}{30}$
-2	$\frac{2}{15}, \frac{1}{5}$	1	$\frac{7}{30}, \frac{11}{30}$	4	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{11}{30}$
-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{4}{15}, \frac{11}{30}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{3}{10}, \frac{11}{30}$
-4	$\frac{1}{30}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{3}, \frac{11}{30}$
-4	$\frac{1}{30}, \frac{1}{5}$	4	$\frac{1}{3}, \frac{11}{30}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{10}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{2}{5}$
-4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{4}{15}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{2}{5}$
-1	$\frac{1}{30}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{2}{5}$	$-\frac{4}{3}$	$\frac{2}{15}, \frac{7}{30}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{15}, \frac{15}{15}$	-4	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{3}{10}$	4	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{3}$	4	$\frac{11}{30}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{5}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$	2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{13}{30}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{13}{30}$	$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{13}{30}$	-2	$\frac{1}{30}, \frac{4}{15}$	2	$\frac{4}{15}, \frac{13}{30}$
4	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{3}{10}, \frac{13}{30}$	-2	$\frac{2}{15}, \frac{4}{15}$	2	$\frac{3}{10}, \frac{13}{30}$
4	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{1}{3}, \frac{13}{30}$	-2	$\frac{2}{15}, \frac{4}{15}$	2	$\frac{1}{3}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{13}{30}$	-4	$\frac{2}{15}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{13}{30}$
-4	$\frac{1}{10}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{13}{30}$	-4	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{13}{30}$
-4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{6}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{7}{30}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{7}{30}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{7}{30}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{13}{30}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{2}{15}, \frac{7}{15}$	2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{4}{15}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{7}{15}$	$-\frac{4}{3}$	$\frac{1}{30}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{3}{10}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{3}{10}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{3}{10}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{4}{15}$	2	$\frac{3}{10}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{3}{10}$	2	$\frac{3}{10}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{1}{3}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{1}{3}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{4}{15}$	2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{11}{30}, \frac{7}{15}$
-4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{15}{30}$	4	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{10}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{7}{30}$	4	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{4}{15}$	4	$\frac{2}{5}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{13}{30}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{13}{30}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{3}{10}$	2	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{3}$	2	$\frac{13}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{13}{30}, \frac{7}{15}$
-8	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$	-4	$0, \frac{1}{5}$	2	$\frac{1}{3}, \frac{1}{2}$
8	$0, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$	8	$0, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
$ D \equiv 67 \pmod{120}$							
-10	$0, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$	-10	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$
-6	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$	-6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$
6	$\frac{1}{6}, \frac{1}{5}$	10	$\frac{1}{5}, \frac{3}{10}$	2	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$
2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{1}{10}, \frac{1}{5}$	3	$\frac{1}{5}, \frac{1}{3}$
$-\frac{2}{3}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{10}{3}$	$\frac{1}{5}, \frac{1}{3}$	-4	$0, \frac{1}{5}$	3	$\frac{3}{10}, \frac{1}{3}$
-4	$\frac{1}{10}, \frac{1}{5}$	3	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{1}{6}, \frac{1}{5}$	5	$\frac{3}{10}, \frac{1}{3}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{5}, \frac{3}{10}$	3	$\frac{3}{10}, \frac{1}{3}$	10	$0, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$
10	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$	6	$0, \frac{1}{6}$	4	$\frac{3}{10}, \frac{2}{5}$
6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{3}{10}, \frac{2}{5}$	$-\frac{3}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{5}{2}$	$\frac{3}{10}, \frac{2}{5}$
-6	$\frac{1}{6}, \frac{3}{10}$	4	$\frac{3}{10}, \frac{2}{5}$	-2	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{10}, \frac{1}{5}$	6	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{6}, \frac{1}{5}$	5	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{6}, \frac{3}{10}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{5}, \frac{3}{10}$	6	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{10}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$
$\frac{2}{3}$	$\frac{1}{6}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{3}{10}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$
6	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$	6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$
$-\frac{3}{2}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{5}{2}$	$\frac{1}{5}, \frac{1}{2}$	-4	$\frac{1}{6}, \frac{1}{5}$	$\frac{10}{3}$	$\frac{3}{10}, \frac{1}{2}$
-4	$0, \frac{1}{5}$	6	$\frac{1}{3}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{1}{5}$	6	$\frac{1}{3}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	10	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{5}, \frac{3}{10}$	6	$\frac{1}{3}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{1}{3}, \frac{1}{2}$	-6	$0, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$
-6	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$	6	$\frac{1}{6}, \frac{1}{5}$	-10	$\frac{2}{5}, \frac{1}{2}$
6	$\frac{1}{6}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$	3	$0, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
3	$\frac{1}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{1}{6}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
3	$\frac{1}{5}, \frac{1}{3}$	-1	$\frac{2}{5}, \frac{1}{2}$	3	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
$\frac{3}{2}$	$\frac{1}{6}, \frac{2}{5}$	$-\frac{5}{2}$	$\frac{2}{5}, \frac{1}{2}$	6	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{2}{5}, \frac{1}{2}$
$ D \equiv 71 \pmod{120}$							
1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{15}$	$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{15}, \frac{7}{30}$
1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{1}{6}, \frac{7}{30}$	$\frac{4}{5}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{4}{5}$	$\frac{1}{5}, \frac{7}{30}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{4}{15}$	2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{2}{15}, \frac{4}{15}$
1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{6}, \frac{4}{15}$
-4	$\frac{1}{15}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{4}{15}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{4}{3}$	$\frac{1}{5}, \frac{4}{15}$
4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{4}{15}$	2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{7}{30}, \frac{3}{10}$
2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{4}{15}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{2}{3}$	$\frac{4}{15}, \frac{3}{10}$
1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{3}{10}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{3}{10}$
$\frac{2}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{3}{10}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{3}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{3}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{6}, \frac{11}{30}$	4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{11}{30}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{6}$	$-\frac{4}{3}$	$\frac{1}{5}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{5}$	-2	$\frac{1}{5}, \frac{11}{30}$
4	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{7}{30}, \frac{11}{30}$	4	$\frac{1}{30}, \frac{2}{15}$	$-\frac{2}{5}$	$\frac{7}{30}, \frac{11}{30}$
$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{7}{30}, \frac{11}{30}$	2	$\frac{1}{15}, \frac{1}{5}$	-1	$\frac{7}{30}, \frac{11}{30}$
2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{4}{15}, \frac{11}{30}$	-4	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{11}{30}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{4}{15}, \frac{11}{30}$	1	$\frac{1}{15}, \frac{7}{30}$	-1	$\frac{4}{15}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{3}{10}, \frac{11}{30}$
$\frac{4}{5}$	$\frac{1}{30}, \frac{1}{5}$	$-\frac{4}{5}$	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{11}{30}$
$\frac{1}{2}$	$\frac{1}{30}, \frac{3}{10}$	$-\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{11}{30}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{5}$	$-\frac{4}{3}$	$\frac{1}{3}, \frac{11}{30}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{3}{10}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{11}{30}$
4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{2}{15}$	$-\frac{4}{3}$	$\frac{7}{30}, \frac{2}{5}$
4	$\frac{1}{15}, \frac{1}{10}$	4	$\frac{4}{15}, \frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{4}{5}$	$\frac{4}{15}, \frac{2}{5}$
$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{2}{5}$
$\frac{4}{5}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{4}{5}$	$\frac{11}{30}, \frac{2}{5}$	1	$\frac{1}{30}, \frac{1}{5}$	1	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{2}{5}$	$\frac{4}{7}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{4}{7}$	$\frac{11}{30}, \frac{2}{5}$
$\frac{4}{5}$	$\frac{1}{30}, \frac{1}{3}$	$\frac{4}{5}$	$\frac{11}{30}, \frac{2}{5}$	$\frac{2}{3}$	$\frac{1}{30}, \frac{11}{30}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{2}{5}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{13}{30}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{15}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{13}{30}$	2	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{13}{30}$
1	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	2	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{7}{30}, \frac{13}{30}$
$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{7}{30}, \frac{13}{30}$	1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{4}{15}, \frac{13}{30}$
4	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{13}{30}$	2	$\frac{1}{30}, \frac{7}{30}$	$\frac{4}{5}$	$\frac{4}{15}, \frac{13}{30}$
$\frac{2}{3}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{4}{15}, \frac{13}{30}$	2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{3}{10}, \frac{13}{30}$
1	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{3}{10}, \frac{13}{30}$	2	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{13}{30}$
$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{30}$	$\frac{4}{3}$	$\frac{3}{10}, \frac{13}{30}$	$\frac{2}{3}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{1}{3}, \frac{13}{30}$
1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$	$\frac{4}{5}$	$\frac{1}{5}, \frac{7}{30}$	$\frac{4}{5}$	$\frac{1}{3}, \frac{13}{30}$
-2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{13}{30}$	-1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{1}{3}, \frac{13}{30}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{15}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{11}{30}, \frac{13}{30}$	1	$\frac{1}{30}, \frac{7}{30}$	1	$\frac{11}{30}, \frac{13}{30}$
$\frac{4}{5}$	$\frac{1}{15}, \frac{7}{30}$	$\frac{2}{5}$	$\frac{11}{30}, \frac{13}{30}$	$\frac{4}{3}$	$\frac{2}{15}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{2}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{4}{15}, \frac{11}{30}$	2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{2}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$	$\frac{4}{5}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{4}{5}$	$\frac{2}{5}, \frac{13}{30}$
$\frac{4}{3}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$	1	$\frac{1}{5}, \frac{7}{30}$	1	$\frac{2}{5}, \frac{13}{30}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$\frac{7}{30}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{13}{30}$	$-\frac{4}{3}$	$\frac{7}{30}, \frac{1}{3}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$
-2	$\frac{7}{30}, \frac{2}{5}$	2	$\frac{2}{5}, \frac{13}{30}$	-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{10}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{2}{3}$	$\frac{2}{15}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{1}{6}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{7}{15}$
-4	$\frac{1}{30}, \frac{1}{15}$	4	$\frac{1}{5}, \frac{7}{15}$	$\frac{4}{5}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{4}{5}$	$\frac{1}{5}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{15}$	1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{7}{30}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{7}{15}$	4	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{7}{15}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{3}{10}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{7}{30}$	-1	$\frac{3}{10}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{3}{10}$	-2	$\frac{3}{10}, \frac{7}{15}$	1	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{7}{30}$	-4	$\frac{1}{3}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{11}{30}, \frac{7}{15}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{11}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{7}{15}$	$\frac{2}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{4}{15}$	1	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{5}, \frac{4}{15}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{7}{15}$	$\frac{2}{3}$	$\frac{1}{15}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{7}{30}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{2}{5}, \frac{7}{15}$
1	$\frac{1}{30}, \frac{7}{30}$	-2	$\frac{2}{5}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{4}{15}, \frac{11}{30}$	4	$\frac{2}{5}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{2}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{1}{2}$	4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{11}{30}, \frac{1}{2}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{1}{2}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{1}{2}$
1	$\frac{1}{30}, \frac{11}{30}$	2	$\frac{11}{30}, \frac{1}{2}$	$\frac{2}{3}$	$\frac{1}{10}, \frac{7}{30}$	$-\frac{2}{3}$	$\frac{13}{30}, \frac{1}{2}$
1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$	$\frac{4}{5}$	$\frac{1}{5}, \frac{7}{30}$	$-\frac{4}{5}$	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{7}{30}, \frac{1}{3}$	-1	$\frac{13}{30}, \frac{1}{2}$
$-\frac{4}{3}$	$\frac{7}{30}, \frac{2}{5}$	$-\frac{4}{3}$	$\frac{13}{30}, \frac{1}{2}$	-1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{7}{15}, \frac{1}{2}$
$\frac{-4}{3}$	$\frac{2}{15}, \frac{1}{5}$	$\frac{-4}{3}$	$\frac{7}{15}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{7}{15}, \frac{1}{2}$
2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{2}{15}, \frac{1}{3}$	-2	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{4}{15}, \frac{11}{30}$	-2	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{2}{15}, \frac{2}{5}$	-4	$\frac{7}{15}, \frac{1}{2}$
1	$\frac{4}{15}, \frac{13}{30}$	-1	$\frac{7}{15}, \frac{1}{2}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{13}{30}$	$\frac{-4}{3}$	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{2}{15}, \frac{7}{15}$	-4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 79 \pmod{120}$							
2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{1}{5}$
4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{7}{30}$	-1	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{1}{10}, \frac{4}{15}$
-2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{1}{6}, \frac{4}{15}$
$\frac{-4}{3}$	$\frac{1}{15}, \frac{1}{10}$	$\frac{4}{3}$	$\frac{4}{5}, \frac{4}{15}$	-4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$
-4	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{2}{15}, \frac{3}{10}$
-2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{3}{10}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{3}{10}$	1	$\frac{1}{15}, \frac{4}{15}$	2	$\frac{4}{15}, \frac{3}{10}$
-1	0, $\frac{1}{10}$	1	$\frac{1}{10}, \frac{1}{3}$	-2	0, $\frac{1}{10}$	2	$\frac{1}{6}, \frac{1}{3}$
$\frac{-4}{3}$	0, $\frac{1}{10}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{1}{3}$	-4	0, $\frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$
2	0, $\frac{1}{6}$	-2	$\frac{3}{10}, \frac{1}{3}$	4	0, $\frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{3}$
1	0, $\frac{3}{10}$	-1	$\frac{3}{10}, \frac{1}{3}$	-1	$\frac{1}{30}, \frac{1}{10}$	1	$\frac{1}{10}, \frac{11}{30}$
-2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{6}, \frac{11}{30}$	$\frac{-4}{3}$	$\frac{1}{30}, \frac{1}{10}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{11}{30}$
-4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{11}{30}$
-2	$\frac{1}{15}, \frac{1}{10}$	1	$\frac{7}{30}, \frac{11}{30}$	-4	$\frac{1}{15}, \frac{1}{5}$	2	$\frac{7}{30}, \frac{11}{30}$
2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{11}{30}$	-4	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{11}{30}$
2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{3}{10}, \frac{11}{30}$	4	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{11}{30}$
2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{11}{30}$	1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{11}{30}$
-4	$\frac{1}{30}, \frac{1}{15}$	4	$\frac{2}{15}, \frac{2}{5}$	-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{7}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{4}{15}, \frac{2}{5}$
-4	0, $\frac{1}{10}$	-4	$\frac{1}{3}, \frac{2}{5}$	4	0, $\frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$
$\frac{4}{3}$	0, $\frac{3}{10}$	$\frac{4}{3}$	$\frac{1}{3}, \frac{2}{5}$	-4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{2}{5}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{2}{5}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{13}{30}$	-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{7}{30}, \frac{13}{30}$	4	$\frac{1}{5}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{13}{30}$	-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{3}{10}, \frac{13}{30}$	-2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{13}{30}$
-4	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{3}{10}, \frac{13}{30}$	1	$\frac{7}{30}, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{13}{30}$
2	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{11}{30}, \frac{13}{30}$	-4	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{11}{30}, \frac{13}{30}$
2	$\frac{2}{15}, \frac{3}{10}$	1	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{2}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{10}, \frac{7}{30}$	4	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{6}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$
$\frac{4}{3}$	$\frac{7}{30}, \frac{3}{10}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{7}{30}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{10}, \frac{7}{15}$	2	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{2}{15}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{1}{15}$	4	$\frac{1}{5}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{7}{30}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{7}{15}$	4	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{3}{10}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{7}{15}$	1	$\frac{1}{30}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{7}{15}$	1	$\frac{2}{15}, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{4}{15}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{2}{15}, \frac{3}{10}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{4}{15}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$	-2	0, $\frac{1}{10}$	-2	$\frac{1}{3}, \frac{1}{2}$
-4	0, $\frac{1}{5}$	-4	$\frac{1}{3}, \frac{1}{2}$	2	0, $\frac{3}{10}$	2	$\frac{1}{3}, \frac{1}{2}$
-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{11}{30}, \frac{1}{2}$	-4	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{7}{30}, \frac{2}{5}$	4	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{7}{15}, \frac{1}{2}$	2	$\frac{2}{15}, \frac{3}{10}$	2	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{2}{15}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 83 \pmod{120}$							
2	0, $\frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{6}, \frac{4}{15}$
6	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$	6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$
-6	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{1}{5}, \frac{3}{10}$	2	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$
2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{1}{10}, \frac{1}{5}$	6	$\frac{1}{5}, \frac{1}{3}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{1}{3}$	-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{1}{3}$
-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{1}{3}$	-4	$0, \frac{1}{5}$	6	$\frac{3}{10}, \frac{1}{3}$
-4	$\frac{1}{10}, \frac{1}{5}$	6	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{3}{10}, \frac{1}{3}$
4	$\frac{1}{5}, \frac{3}{10}$	6	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{11}{30}$
-4	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{7}{30}, \frac{11}{30}$	4	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{11}{30}$
-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{4}{15}, \frac{11}{30}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{3}, \frac{11}{30}$
-2	$0, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$
-6	$0, \frac{1}{6}$	4	$\frac{3}{10}, \frac{2}{5}$	-6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{3}{10}, \frac{2}{5}$
-3	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{2}{5}$	6	$\frac{1}{6}, \frac{3}{10}$	4	$\frac{3}{10}, \frac{2}{5}$
-2	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{1}{5}$	3	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{3}, \frac{2}{5}$
2	$\frac{1}{6}, \frac{3}{10}$	4	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{5}, \frac{3}{10}$	3	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{3}{10}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{13}{30}$	2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{4}{15}$	2	$\frac{4}{15}, \frac{13}{30}$	-2	$\frac{2}{15}, \frac{4}{15}$	2	$\frac{1}{3}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{13}{30}$
-4	$\frac{2}{15}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{13}{30}$	-4	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{13}{30}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{4}{15}$	2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{13}{30}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{13}{30}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{3}$	2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{13}{30}, \frac{7}{15}$
-6	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$	-6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$
-3	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{1}{2}$	-4	$\frac{1}{6}, \frac{1}{5}$	$\frac{2}{3}$	$\frac{3}{10}, \frac{1}{2}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$0, \frac{1}{5}$	3	$\frac{1}{3}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{1}{5}$	3	$\frac{1}{3}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{5}, \frac{3}{10}$	3	$\frac{1}{3}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{1}{3}$	1	$\frac{1}{3}, \frac{1}{2}$	6	$0, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$
6	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$	-6	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{2}{5}, \frac{1}{2}$
-6	$\frac{1}{6}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$	6	$0, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
6	$\frac{1}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$	6	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{2}{5}, \frac{1}{2}$
6	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$	3	$\frac{1}{6}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$
3	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 91 \pmod{120}$							
8	$0, \frac{1}{10}$	-4	$\frac{1}{6}, \frac{1}{5}$	-8	$0, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$
-4	$\frac{1}{15}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$
-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{3}{10}$	-4	$0, \frac{1}{10}$	4	$\frac{1}{5}, \frac{1}{3}$
4	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$
$-\frac{4}{3}$	$\frac{1}{6}, \frac{1}{5}$	$\frac{8}{3}$	$\frac{1}{5}, \frac{1}{3}$	-4	$0, \frac{1}{5}$	4	$\frac{3}{10}, \frac{1}{3}$
-4	$\frac{1}{6}, \frac{1}{5}$	8	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{11}{30}$
4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{11}{30}$	-2	$\frac{1}{30}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{11}{30}$
-4	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{7}{30}, \frac{11}{30}$	-4	$\frac{1}{30}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$
-8	$0, \frac{1}{10}$	4	$\frac{1}{6}, \frac{2}{5}$	8	$0, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$
4	$\frac{1}{15}, \frac{1}{10}$	4	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{4}{15}, \frac{2}{5}$
-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{2}{15}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{2}{5}$
4	$0, \frac{1}{10}$	4	$\frac{1}{3}, \frac{2}{5}$	-4	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$	4	$\frac{1}{6}, \frac{1}{5}$	8	$\frac{1}{3}, \frac{2}{5}$
4	$0, \frac{3}{10}$	4	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{6}, \frac{3}{10}$	4	$\frac{1}{3}, \frac{2}{5}$
$\frac{4}{3}$	$\frac{1}{6}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{11}{30}, \frac{2}{5}$
-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{3}{10}$	4	$\frac{11}{30}, \frac{2}{5}$
2	$\frac{1}{30}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{5}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$
-4	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{13}{30}$	4	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{3}{10}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{1}{5}$	2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{13}{30}$
-4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{2}{15}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{7}{30}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{7}{30}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{11}{30}, \frac{7}{15}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{10}, \frac{2}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$
-4	$\frac{1}{15}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$
2	$\frac{7}{30}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{13}{30}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{2}{5}$	4	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$	8	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$	-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{1}{2}$	-4	$0, \frac{1}{5}$	4	$\frac{1}{3}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	8	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{5}, \frac{1}{3}$	-4	$\frac{1}{3}, \frac{1}{2}$
-8	$0, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$	4	$0, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
8	$\frac{1}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$	$\frac{8}{3}$	$\frac{1}{6}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
$\frac{8}{3}$	$\frac{1}{5}, \frac{1}{3}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{1}{2}$	8	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$	8	$\frac{1}{3}, \frac{2}{5}$	4	$\frac{2}{5}, \frac{1}{2}$
$ D \equiv 103 \pmod{120}$							
2	$0, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$	2	$0, \frac{1}{15}$	2	$\frac{1}{10}, \frac{4}{15}$
-2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{4}{15}$	$\frac{2}{3}$	$0, \frac{1}{6}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{3}{10}$
-2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{7}{30}, \frac{3}{10}$	-2	$0, \frac{1}{15}$	2	$\frac{4}{15}, \frac{3}{10}$
2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{3}{10}$	-1	$0, \frac{1}{10}$	1	$\frac{1}{10}, \frac{1}{3}$
-2	$0, \frac{1}{10}$	2	$\frac{1}{6}, \frac{1}{3}$	-1	$0, \frac{1}{10}$	2	$\frac{1}{5}, \frac{1}{3}$
-2	$0, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$	-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{5}, \frac{1}{3}$
2	$0, \frac{1}{6}$	-2	$\frac{3}{10}, \frac{1}{3}$	2	$0, \frac{1}{5}$	-3	$\frac{3}{10}, \frac{1}{3}$
2	$\frac{1}{10}, \frac{1}{5}$	-1	$\frac{3}{10}, \frac{1}{3}$	1	$0, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{1}{3}$
2	$\frac{1}{5}, \frac{3}{10}$	1	$\frac{3}{10}, \frac{1}{3}$	-1	$\frac{1}{30}, \frac{1}{10}$	1	$\frac{1}{10}, \frac{11}{30}$
-2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{6}, \frac{11}{30}$	2	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{4}{15}, \frac{11}{30}$
2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{11}{30}$	-1	$0, \frac{1}{10}$	2	$\frac{1}{6}, \frac{2}{5}$
-2	$0, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$	2	$0, \frac{1}{6}$	-4	$\frac{3}{10}, \frac{2}{5}$
2	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{3}, \frac{2}{5}$
1	$0, \frac{3}{10}$	2	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{5}, \frac{3}{10}$	-2	$\frac{1}{3}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{2}{5}$	2	$\frac{1}{6}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{13}{30}$	2	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{7}{30}, \frac{13}{30}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{3}{10}, \frac{13}{30}$	-2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{13}{30}$
1	$\frac{7}{30}, \frac{3}{10}$	-1	$\frac{3}{10}, \frac{13}{30}$	-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{10}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$
-2	0, $\frac{2}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{7}{15}$	2	0, $\frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$
-2	0, $\frac{1}{10}$	-2	$\frac{1}{3}, \frac{1}{2}$	-4	0, $\frac{1}{5}$	-6	$\frac{1}{3}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{1}{5}$	2	$\frac{1}{3}, \frac{1}{2}$	-4	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{1}{3}, \frac{1}{2}$
2	0, $\frac{3}{10}$	2	$\frac{1}{3}, \frac{1}{2}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{3}{10}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{1}{2}$	-2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{1}{2}$	-2	0, $\frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$	-1	0, $\frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$	-1	$\frac{3}{10}, \frac{1}{3}$	-2	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{13}{30}, \frac{1}{2}$				
$ D \equiv 107 \pmod{120}$							
2	0, $\frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{1}{5}$
2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{6}, \frac{4}{15}$
6	0, $\frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$	6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$
-6	$\frac{1}{6}, \frac{1}{5}$	-2	$\frac{1}{5}, \frac{3}{10}$	2	0, $\frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$
2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{1}{10}, \frac{1}{5}$	6	$\frac{1}{5}, \frac{1}{3}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{1}{3}$	-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{1}{3}$
-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{1}{3}$	-4	0, $\frac{1}{5}$	6	$\frac{3}{10}, \frac{1}{3}$
-4	$\frac{1}{10}, \frac{1}{5}$	6	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{3}{10}, \frac{1}{3}$
4	$\frac{1}{5}, \frac{3}{10}$	6	$\frac{3}{10}, \frac{1}{3}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{11}{30}$
-4	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{7}{30}, \frac{11}{30}$	4	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{11}{30}$
-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{4}{15}, \frac{11}{30}$	2	$\frac{1}{15}, \frac{2}{15}$	2	$\frac{1}{3}, \frac{11}{30}$
-2	0, $\frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{2}{5}$
-6	0, $\frac{1}{6}$	4	$\frac{3}{10}, \frac{2}{5}$	-6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{3}{10}, \frac{2}{5}$
-3	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{3}{10}, \frac{2}{5}$	6	$\frac{1}{6}, \frac{3}{10}$	4	$\frac{3}{10}, \frac{2}{5}$
-2	0, $\frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{3}, \frac{2}{5}$
-1	$\frac{1}{10}, \frac{1}{5}$	3	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{1}{3}, \frac{2}{5}$
2	$\frac{1}{6}, \frac{3}{10}$	4	$\frac{1}{3}, \frac{2}{5}$	1	$\frac{1}{5}, \frac{3}{10}$	3	$\frac{1}{3}, \frac{2}{5}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{1}{10}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$	-2	$\frac{3}{10}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{2}{5}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{13}{30}$	2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{13}{30}$
-2	$\frac{1}{30}, \frac{4}{15}$	2	$\frac{4}{15}, \frac{13}{30}$	-2	$\frac{2}{15}, \frac{4}{15}$	2	$\frac{1}{3}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{13}{30}$
-4	$\frac{2}{15}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{13}{30}$	-4	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{3}$	-2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{13}{30}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{1}{3}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{4}{15}$	2	$\frac{1}{3}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{13}{30}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{13}{30}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{7}{30}$	2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{3}$	2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{13}{30}, \frac{7}{15}$
-6	0, $\frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$	-6	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{1}{2}$
-3	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{5}, \frac{1}{2}$	-4	$\frac{1}{6}, \frac{1}{5}$	$\frac{2}{3}$	$\frac{3}{10}, \frac{1}{2}$
-4	0, $\frac{1}{5}$	3	$\frac{1}{3}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{1}{5}$	3	$\frac{1}{3}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	1	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{5}, \frac{3}{10}$	3	$\frac{1}{3}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{1}{3}$	1	$\frac{1}{3}, \frac{1}{2}$	6	0, $\frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$
6	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$	-6	$\frac{1}{6}, \frac{1}{5}$	2	$\frac{2}{5}, \frac{1}{2}$
-6	$\frac{1}{6}, \frac{3}{10}$	-4	$\frac{2}{5}, \frac{1}{2}$	6	0, $\frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$
6	$\frac{1}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$	6	$\frac{1}{5}, \frac{1}{3}$	2	$\frac{2}{5}, \frac{1}{2}$
6	$\frac{3}{10}, \frac{1}{3}$	-4	$\frac{2}{5}, \frac{1}{2}$	3	$\frac{1}{6}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$
3	$\frac{1}{3}, \frac{2}{5}$	-1	$\frac{2}{5}, \frac{1}{2}$				
$ D \equiv 119 \pmod{120}$							
1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{1}{10}, \frac{2}{15}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{15}$	$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{15}, \frac{7}{30}$
1	$\frac{1}{15}, \frac{2}{15}$	1	$\frac{1}{6}, \frac{7}{30}$	$\frac{4}{5}$	$\frac{1}{15}, \frac{2}{15}$	$\frac{4}{5}$	$\frac{1}{5}, \frac{7}{30}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{4}{15}$	2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{2}{15}, \frac{4}{15}$
1	$\frac{1}{30}, \frac{2}{15}$	-1	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{1}{6}, \frac{4}{15}$
-4	$\frac{1}{15}, \frac{1}{10}$	4	$\frac{1}{5}, \frac{4}{15}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{4}{3}$	$\frac{1}{5}, \frac{4}{15}$
4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{4}{15}$	2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{7}{30}, \frac{3}{10}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{4}{15}, \frac{3}{10}$	$\frac{2}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{2}{3}$	$\frac{4}{15}, \frac{3}{10}$
1	$\frac{1}{15}, \frac{1}{6}$	1	$\frac{4}{15}, \frac{3}{10}$	4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{3}{10}$
$\frac{2}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{3}{10}$	3	$\frac{1}{15}, \frac{1}{5}$	3	$\frac{4}{15}, \frac{3}{10}$
1	$\frac{1}{15}, \frac{2}{15}$	-1	$\frac{7}{30}, \frac{1}{3}$	2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{3}$
2	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{1}{3}$	1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{3}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{6}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{6}, \frac{11}{30}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{6}$	$-\frac{4}{3}$	$\frac{1}{5}, \frac{11}{30}$	4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{11}{30}$
4	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{7}{30}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{5}$	-2	$\frac{1}{5}, \frac{11}{30}$
$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{7}{30}, \frac{11}{30}$	4	$\frac{1}{30}, \frac{2}{15}$	$-\frac{2}{5}$	$\frac{7}{30}, \frac{11}{30}$
2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{4}{15}, \frac{11}{30}$	5	$\frac{1}{30}, \frac{1}{15}$	$-\frac{2}{5}$	$\frac{7}{30}, \frac{11}{30}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{4}{15}, \frac{11}{30}$	2	$\frac{1}{15}, \frac{1}{5}$	-1	$\frac{7}{30}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{1}{15}, \frac{1}{5}$	-1	$\frac{4}{15}, \frac{11}{30}$
$\frac{4}{5}$	$\frac{1}{30}, \frac{1}{5}$	$-\frac{4}{5}$	$\frac{3}{10}, \frac{11}{30}$	1	$\frac{1}{15}, \frac{1}{30}$	-1	$\frac{4}{15}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{3}{30}$	$-\frac{1}{2}$	$\frac{3}{10}, \frac{11}{30}$	$\frac{2}{3}$	$\frac{1}{30}, \frac{1}{6}$	$-\frac{2}{3}$	$\frac{3}{10}, \frac{11}{30}$
2	$\frac{1}{30}, \frac{1}{10}$	-1	$\frac{1}{10}, \frac{11}{30}$	2	$\frac{2}{15}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{11}{30}$
1	$\frac{1}{30}, \frac{1}{6}$	-1	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{1}{15}, \frac{1}{15}$	-2	$\frac{1}{10}, \frac{11}{30}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{3}{10}$	$-\frac{2}{3}$	$\frac{1}{3}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{1}{3}, \frac{11}{30}$
4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{1}{5}$	$-\frac{4}{3}$	$\frac{1}{3}, \frac{11}{30}$
4	$\frac{1}{15}, \frac{1}{10}$	4	$\frac{4}{15}, \frac{2}{5}$	1	$\frac{1}{30}, \frac{1}{3}$	-1	$\frac{1}{3}, \frac{11}{30}$
$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{6}$	$\frac{4}{3}$	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{1}{15}, \frac{1}{15}$	$-\frac{4}{3}$	$\frac{7}{30}, \frac{2}{5}$
$\frac{4}{5}$	$\frac{1}{30}, \frac{1}{6}$	$\frac{4}{5}$	$\frac{11}{30}, \frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{4}{5}$	$\frac{4}{15}, \frac{2}{5}$
4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{2}{5}$	3	$\frac{1}{30}, \frac{1}{10}$	3	$\frac{11}{30}, \frac{2}{5}$
$\frac{4}{5}$	$\frac{1}{30}, \frac{1}{3}$	$\frac{4}{5}$	$\frac{11}{30}, \frac{2}{5}$	1	$\frac{1}{30}, \frac{1}{5}$	1	$\frac{11}{30}, \frac{2}{5}$
-2	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{2}{15}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{3}{10}$	4	$\frac{11}{30}, \frac{2}{5}$
-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{13}{30}$	$\frac{7}{3}$	$\frac{1}{30}, \frac{10}{10}$	$\frac{7}{3}$	$\frac{11}{30}, \frac{2}{5}$
1	$\frac{1}{10}, \frac{7}{30}$	$\frac{1}{2}$	$\frac{7}{30}, \frac{13}{30}$	2	$\frac{1}{30}, \frac{11}{30}$	2	$\frac{11}{30}, \frac{2}{5}$
$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{7}{30}, \frac{13}{30}$	3	$\frac{1}{30}, \frac{30}{30}$	3	$\frac{11}{30}, \frac{2}{5}$
2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{4}{15}, \frac{13}{30}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{15}, \frac{13}{30}$
$\frac{2}{5}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{4}{5}$	$\frac{4}{15}, \frac{13}{30}$	2	$\frac{1}{15}, \frac{15}{15}$	-1	$\frac{7}{30}, \frac{13}{30}$
2	$\frac{1}{15}, \frac{2}{15}$	-2	$\frac{3}{10}, \frac{13}{30}$	2	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{7}{30}, \frac{13}{30}$
2	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{13}{30}$	1	$\frac{1}{30}, \frac{1}{15}$	1	$\frac{4}{15}, \frac{13}{30}$
$\frac{3}{3}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{2}{3}$	$\frac{1}{3}, \frac{13}{30}$	4	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{13}{30}$
$\frac{4}{5}$	$\frac{1}{5}, \frac{7}{30}$	$\frac{4}{5}$	$\frac{1}{3}, \frac{13}{30}$	2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{4}{15}, \frac{13}{30}$
5	$\frac{1}{5}, \frac{7}{30}$	$\frac{4}{5}$	$\frac{1}{3}, \frac{13}{30}$	3	$\frac{1}{15}, \frac{30}{30}$	3	$\frac{4}{15}, \frac{13}{30}$
				1	$\frac{1}{10}, \frac{7}{30}$	1	$\frac{3}{10}, \frac{13}{30}$
				4	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{3}{10}, \frac{13}{30}$
				3	$\frac{1}{5}, \frac{7}{30}$	3	$\frac{10}{10}, \frac{13}{30}$
				1	$\frac{1}{6}, \frac{7}{30}$	1	$\frac{1}{3}, \frac{13}{30}$
				-2	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{3}, \frac{13}{30}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-1	$\frac{7}{30}, \frac{1}{3}$	1	$\frac{1}{3}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{10}, \frac{2}{15}$	-2	$\frac{11}{30}, \frac{13}{30}$	1	$\frac{1}{30}, \frac{7}{30}$	1	$\frac{11}{30}, \frac{13}{30}$
$\frac{4}{5}$	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{11}{30}, \frac{13}{30}$	2	$\frac{2}{30}, \frac{3}{30}$	2	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{2}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{2}{15}, \frac{10}{30}$	3	$\frac{11}{30}, \frac{13}{30}$
$\frac{4}{3}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$	$\frac{4}{5}$	$\frac{1}{10}, \frac{7}{30}$	$\frac{4}{5}$	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{7}{30}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{13}{30}$	1	$\frac{1}{5}, \frac{7}{30}$	1	$\frac{2}{5}, \frac{13}{30}$
-2	$\frac{7}{30}, \frac{2}{5}$	2	$\frac{2}{5}, \frac{13}{30}$	$-\frac{4}{3}$	$\frac{7}{30}, \frac{1}{3}$	4	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{15}$	2	$\frac{1}{10}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{2}{15}$	1	$\frac{1}{6}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{2}{15}$	$\frac{2}{3}$	$\frac{2}{15}, \frac{7}{15}$
-4	$\frac{1}{30}, \frac{1}{15}$	4	$\frac{1}{5}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{6}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{2}{15}$	$\frac{4}{5}$	$\frac{1}{5}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{7}{30}, \frac{7}{15}$	5	$\frac{1}{10}, \frac{15}{15}$	-1	$\frac{7}{30}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{7}{15}$	1	$\frac{1}{30}, \frac{15}{15}$	-4	$\frac{7}{30}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{3}{10}, \frac{7}{15}$	4	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{3}{10}$	-2	$\frac{3}{10}, \frac{7}{15}$	2	$\frac{1}{10}, \frac{15}{15}$	2	$\frac{3}{10}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{7}{30}$	-1	$\frac{3}{10}, \frac{7}{15}$
2	$\frac{1}{15}, \frac{7}{30}$	-2	$\frac{1}{3}, \frac{7}{15}$	1	$\frac{1}{10}, \frac{15}{15}$	1	$\frac{1}{3}, \frac{7}{15}$
$\frac{2}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{30}{30}$	-4	$\frac{1}{3}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{15}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{10}$	2	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{10}, \frac{4}{15}$	1	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{1}{15}, \frac{6}{6}$	1	$\frac{11}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{5}, \frac{4}{15}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{7}{15}$	3	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$	$\frac{2}{3}$	$\frac{1}{15}, \frac{3}{30}$	$\frac{2}{3}$	$\frac{11}{30}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{2}{5}, \frac{7}{15}$	3	$\frac{4}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{15}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{2}{5}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{3}$	2	$\frac{11}{30}, \frac{7}{15}$
-4	$\frac{4}{15}, \frac{11}{30}$	4	$\frac{2}{5}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{15}{15}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{1}{15}$	-2	$\frac{2}{15}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{30}{30}$	-2	$\frac{2}{5}, \frac{7}{15}$
1	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{4}{15}, \frac{1}{2}$	4	$\frac{2}{15}, \frac{10}{10}$	-4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{1}{2}$	2	$\frac{2}{15}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{15}, \frac{15}{15}$	-1	$\frac{7}{30}, \frac{1}{2}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{15}, \frac{6}{15}$	2	$\frac{4}{15}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{1}{2}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{1}{6}$	1	$\frac{11}{30}, \frac{1}{2}$
3	$\frac{1}{30}, \frac{1}{5}$	$\frac{4}{3}$	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{3}{10}$	2	$\frac{11}{30}, \frac{1}{2}$

Table 4: $e = 5$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$\frac{1}{30}, \frac{1}{3}$	1	$\frac{11}{30}, \frac{1}{2}$	1	$\frac{1}{30}, \frac{11}{30}$	2	$\frac{11}{30}, \frac{1}{2}$
$\frac{2}{3}$	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	1	$\frac{1}{6}, \frac{7}{30}$	-1	$\frac{13}{30}, \frac{1}{2}$
$\frac{4}{5}$	$\frac{1}{5}, \frac{7}{30}$	$-\frac{4}{5}$	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{7}{30}, \frac{1}{3}$	-1	$\frac{13}{30}, \frac{1}{2}$	$-\frac{4}{3}$	$\frac{7}{30}, \frac{2}{5}$	$-\frac{4}{3}$	$\frac{13}{30}, \frac{1}{2}$
-1	$\frac{7}{30}, \frac{13}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	1	$\frac{1}{10}, \frac{2}{15}$	-1	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{7}{15}, \frac{1}{2}$	$-\frac{4}{3}$	$\frac{2}{15}, \frac{1}{5}$	$-\frac{4}{3}$	$\frac{7}{15}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{7}{30}$	4	$\frac{7}{15}, \frac{1}{2}$	2	$\frac{1}{15}, \frac{7}{30}$	2	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{2}{15}, \frac{1}{3}$	-2	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{4}{15}, \frac{11}{30}$	-2	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{2}{5}$	-4	$\frac{7}{15}, \frac{1}{2}$	1	$\frac{4}{15}, \frac{13}{30}$	-1	$\frac{7}{15}, \frac{1}{2}$
$\frac{2}{3}$	$\frac{11}{30}, \frac{13}{30}$	$-\frac{4}{3}$	$\frac{7}{15}, \frac{1}{2}$	-2	$\frac{2}{15}, \frac{7}{15}$	-4	$\frac{7}{15}, \frac{1}{2}$

For the case $e = 7$ there were 201 formulae, given below.

Table 5: Two Term Dirichlet Type Formulae, $e = 7$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 1 \pmod{28}$							
2	$0, \frac{1}{7}$	-2	$\frac{2}{7}, \frac{3}{7}$				
$ D \equiv 5 \pmod{28}$							
2	$0, \frac{1}{7}$	-2	$\frac{2}{7}, \frac{3}{7}$				
$ D \equiv 9 \pmod{28}$							
2	$0, \frac{1}{7}$	-2	$\frac{2}{7}, \frac{3}{7}$				
$ D \equiv 13 \pmod{28}$							
2	$0, \frac{1}{7}$	-2	$\frac{2}{7}, \frac{3}{7}$				
$ D \equiv 17 \pmod{28}$							
2	$0, \frac{1}{7}$	-2	$\frac{2}{7}, \frac{3}{7}$				
$ D \equiv 25 \pmod{28}$							
2	$0, \frac{1}{7}$	-2	$\frac{2}{7}, \frac{3}{7}$				
$ D \equiv 1 \pmod{56}$							
-6	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{5}{14}$	-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{3}{7}$
-2	$\frac{1}{14}, \frac{2}{7}$	-4	$\frac{2}{7}, \frac{3}{7}$	4	$0, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{3}{7}$
-4	$\frac{1}{7}, \frac{5}{14}$	-2	$\frac{5}{14}, \frac{3}{7}$	-4	$\frac{3}{14}, \frac{5}{14}$	-6	$\frac{5}{14}, \frac{3}{7}$

Table 5: $e = 7$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{1}{2}$				
$ D \equiv 5 \pmod{56}$							
4	$0, \frac{1}{7}$	2	$\frac{1}{7}, \frac{3}{14}$	-2	$0, \frac{1}{14}$	2	$\frac{1}{7}, \frac{5}{14}$
2	$0, \frac{3}{14}$	2	$\frac{2}{7}, \frac{5}{14}$	2	$\frac{1}{7}, \frac{3}{14}$	4	$\frac{2}{7}, \frac{5}{14}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{3}{7}$	2	$0, \frac{1}{7}$	-2	$\frac{3}{14}, \frac{1}{2}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{1}{2}$	-2	$0, \frac{1}{14}$	-2	$\frac{2}{7}, \frac{1}{2}$
1	$\frac{1}{14}, \frac{3}{14}$	-1	$\frac{5}{14}, \frac{1}{2}$	-2	$\frac{3}{14}, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{1}{2}$
2	$\frac{1}{14}, \frac{3}{14}$	-2	$\frac{3}{7}, \frac{1}{2}$	2	$0, \frac{5}{14}$	2	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 9 \pmod{56}$							
-6	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{5}{14}$	-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{3}{7}$
-2	$\frac{1}{14}, \frac{2}{7}$	-4	$\frac{2}{7}, \frac{3}{7}$	4	$0, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{3}{7}$
-4	$\frac{1}{7}, \frac{5}{14}$	-2	$\frac{5}{14}, \frac{3}{7}$	-4	$\frac{3}{14}, \frac{5}{14}$	-6	$\frac{5}{14}, \frac{3}{7}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{1}{2}$				
$ D \equiv 13 \pmod{56}$							
4	$0, \frac{1}{7}$	2	$\frac{1}{7}, \frac{3}{14}$	-2	$0, \frac{1}{14}$	2	$\frac{1}{7}, \frac{5}{14}$
2	$\frac{1}{7}, \frac{3}{14}$	4	$\frac{2}{7}, \frac{5}{14}$	-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{3}{7}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{1}{2}$	-2	$0, \frac{1}{14}$	-2	$\frac{2}{7}, \frac{1}{2}$
1	$\frac{1}{14}, \frac{3}{14}$	-1	$\frac{5}{14}, \frac{1}{2}$	-2	$\frac{3}{14}, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{1}{2}$
2	$\frac{1}{14}, \frac{3}{14}$	-2	$\frac{3}{7}, \frac{1}{2}$	2	$0, \frac{5}{14}$	2	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 17 \pmod{56}$							
-6	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{5}{14}$	-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{3}{7}$
-2	$\frac{1}{14}, \frac{2}{7}$	-4	$\frac{2}{7}, \frac{3}{7}$	4	$0, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{3}{7}$
-4	$\frac{1}{7}, \frac{5}{14}$	-2	$\frac{5}{14}, \frac{3}{7}$	-4	$\frac{3}{14}, \frac{5}{14}$	-6	$\frac{5}{14}, \frac{3}{7}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{1}{2}$				
$ D \equiv 25 \pmod{56}$							
-6	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{5}{14}$	-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{3}{7}$
-2	$\frac{1}{14}, \frac{2}{7}$	-4	$\frac{2}{7}, \frac{3}{7}$	4	$0, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{3}{7}$
-4	$\frac{1}{7}, \frac{5}{14}$	-2	$\frac{5}{14}, \frac{3}{7}$	-4	$\frac{3}{14}, \frac{5}{14}$	-6	$\frac{5}{14}, \frac{3}{7}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{1}{2}$				
$ D \equiv 29 \pmod{56}$							
4	$0, \frac{1}{7}$	2	$\frac{1}{7}, \frac{3}{14}$	-2	$0, \frac{1}{14}$	2	$\frac{1}{7}, \frac{5}{14}$
2	$\frac{1}{7}, \frac{3}{14}$	4	$\frac{2}{7}, \frac{5}{14}$	-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{3}{7}$

Table 5: $e = 7$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{1}{2}$	-2	$0, \frac{1}{14}$	-2	$\frac{2}{7}, \frac{1}{2}$
1	$\frac{1}{14}, \frac{3}{14}$	-1	$\frac{5}{14}, \frac{1}{2}$	-2	$\frac{3}{14}, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{1}{2}$
2	$\frac{1}{14}, \frac{3}{14}$	-2	$\frac{3}{7}, \frac{1}{2}$	2	$0, \frac{5}{14}$	2	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 33 \pmod{56}$							
-6	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{5}{14}$	-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{3}{7}$
-2	$\frac{1}{14}, \frac{2}{7}$	-4	$\frac{2}{7}, \frac{3}{7}$	4	$0, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{3}{7}$
-4	$\frac{1}{7}, \frac{5}{14}$	-2	$\frac{5}{14}, \frac{3}{7}$	-4	$\frac{3}{14}, \frac{5}{14}$	-6	$\frac{5}{14}, \frac{3}{7}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{1}{2}$				
$ D \equiv 37 \pmod{56}$							
4	$0, \frac{1}{7}$	2	$\frac{1}{7}, \frac{3}{14}$	-2	$0, \frac{1}{14}$	2	$\frac{1}{7}, \frac{5}{14}$
2	$0, \frac{3}{14}$	2	$\frac{2}{7}, \frac{5}{14}$	2	$\frac{1}{7}, \frac{3}{14}$	4	$\frac{2}{7}, \frac{5}{14}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{3}{7}$	2	$0, \frac{1}{7}$	-2	$\frac{3}{14}, \frac{1}{2}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{1}{2}$	-2	$0, \frac{1}{14}$	-2	$\frac{2}{7}, \frac{1}{2}$
1	$\frac{1}{14}, \frac{3}{14}$	-1	$\frac{5}{14}, \frac{1}{2}$	-2	$\frac{3}{14}, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{1}{2}$
2	$\frac{1}{14}, \frac{3}{14}$	-2	$\frac{3}{7}, \frac{1}{2}$	2	$0, \frac{5}{14}$	2	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 41 \pmod{56}$							
-6	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{5}{14}$	-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{3}{7}$
-2	$\frac{1}{14}, \frac{2}{7}$	-4	$\frac{2}{7}, \frac{3}{7}$	4	$0, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{3}{7}$
-4	$\frac{1}{7}, \frac{5}{14}$	-2	$\frac{5}{14}, \frac{3}{7}$	-4	$\frac{3}{14}, \frac{5}{14}$	-6	$\frac{5}{14}, \frac{3}{7}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{1}{2}$				
$ D \equiv 45 \pmod{56}$							
4	$0, \frac{1}{7}$	2	$\frac{1}{7}, \frac{3}{14}$	-2	$0, \frac{1}{14}$	2	$\frac{1}{7}, \frac{5}{14}$
2	$0, \frac{3}{14}$	2	$\frac{2}{7}, \frac{5}{14}$	2	$\frac{1}{7}, \frac{3}{14}$	4	$\frac{2}{7}, \frac{5}{14}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{3}{7}$	2	$0, \frac{1}{7}$	-2	$\frac{3}{14}, \frac{1}{2}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{1}{2}$	-2	$0, \frac{1}{14}$	-2	$\frac{2}{7}, \frac{1}{2}$
1	$\frac{1}{14}, \frac{3}{14}$	-1	$\frac{5}{14}, \frac{1}{2}$	-2	$\frac{3}{14}, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{1}{2}$
2	$\frac{1}{14}, \frac{3}{14}$	-2	$\frac{3}{7}, \frac{1}{2}$	2	$0, \frac{5}{14}$	2	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 53 \pmod{56}$							
4	$0, \frac{1}{7}$	2	$\frac{1}{7}, \frac{3}{14}$	-2	$0, \frac{1}{14}$	2	$\frac{1}{7}, \frac{5}{14}$
2	$0, \frac{3}{14}$	2	$\frac{2}{7}, \frac{5}{14}$	2	$\frac{1}{7}, \frac{3}{14}$	4	$\frac{2}{7}, \frac{5}{14}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{2}{7}, \frac{3}{7}$	2	$0, \frac{1}{7}$	-2	$\frac{3}{14}, \frac{1}{2}$
-2	$\frac{1}{7}, \frac{3}{14}$	-4	$\frac{3}{14}, \frac{1}{2}$	-2	$0, \frac{1}{14}$	-2	$\frac{2}{7}, \frac{1}{2}$

Table 5: $e = 7$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
1	$\frac{1}{14}, \frac{3}{14}$	-1	$\frac{5}{14}, \frac{1}{2}$	-2	$\frac{3}{14}, \frac{2}{7}$	-2	$\frac{5}{14}, \frac{1}{2}$
2	$\frac{1}{14}, \frac{3}{14}$	-2	$\frac{3}{7}, \frac{1}{2}$	2	$0, \frac{5}{14}$	2	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 1 \pmod{84}$							
2	$0, \frac{2}{21}$	-2	$\frac{1}{7}, \frac{5}{21}$	2	$0, \frac{1}{21}$	-2	$\frac{4}{21}, \frac{5}{21}$
2	$0, \frac{1}{21}$	-2	$\frac{8}{21}, \frac{3}{7}$	2	$0, \frac{4}{21}$	-2	$\frac{2}{7}, \frac{10}{21}$
2	$0, \frac{2}{21}$	-2	$\frac{8}{21}, \frac{10}{21}$				
$ D \equiv 13 \pmod{84}$							
2	$0, \frac{2}{21}$	-2	$\frac{1}{7}, \frac{5}{21}$	2	$0, \frac{1}{21}$	-2	$\frac{8}{21}, \frac{3}{7}$
2	$0, \frac{4}{21}$	-2	$\frac{2}{7}, \frac{10}{21}$	-2	$\frac{2}{21}, \frac{1}{3}$	-2	$\frac{8}{21}, \frac{10}{21}$
$ D \equiv 25 \pmod{84}$							
2	$0, \frac{2}{21}$	-2	$\frac{1}{7}, \frac{5}{21}$	2	$0, \frac{1}{21}$	-2	$\frac{4}{21}, \frac{5}{21}$
2	$0, \frac{1}{21}$	-2	$\frac{8}{21}, \frac{3}{7}$	2	$0, \frac{4}{21}$	-2	$\frac{2}{7}, \frac{10}{21}$
2	$0, \frac{2}{21}$	-2	$\frac{8}{21}, \frac{10}{21}$				
$ D \equiv 37 \pmod{84}$							
2	$0, \frac{2}{21}$	-2	$\frac{1}{7}, \frac{5}{21}$	2	$0, \frac{1}{21}$	-2	$\frac{4}{21}, \frac{5}{21}$
2	$0, \frac{1}{21}$	-2	$\frac{8}{21}, \frac{3}{7}$	2	$0, \frac{4}{21}$	-2	$\frac{2}{7}, \frac{10}{21}$
2	$0, \frac{2}{21}$	-2	$\frac{8}{21}, \frac{10}{21}$				
$ D \equiv 61 \pmod{84}$							
2	$0, \frac{2}{21}$	-2	$\frac{1}{7}, \frac{5}{21}$	2	$0, \frac{1}{21}$	-2	$\frac{8}{21}, \frac{3}{7}$
2	$0, \frac{4}{21}$	-2	$\frac{2}{7}, \frac{10}{21}$	-2	$\frac{2}{21}, \frac{1}{3}$	-2	$\frac{8}{21}, \frac{10}{21}$
$ D \equiv 73 \pmod{84}$							
2	$0, \frac{2}{21}$	-2	$\frac{1}{7}, \frac{5}{21}$	2	$0, \frac{1}{21}$	-2	$\frac{8}{21}, \frac{3}{7}$
2	$0, \frac{4}{21}$	-2	$\frac{2}{7}, \frac{10}{21}$	-2	$\frac{2}{21}, \frac{1}{3}$	-2	$\frac{8}{21}, \frac{10}{21}$
$ D \equiv 5 \pmod{56}$							
2	$0, \frac{1}{28}$	2	$\frac{3}{28}, \frac{9}{28}$	2	$\frac{5}{28}, \frac{3}{14}$	2	$\frac{2}{7}, \frac{9}{28}$
-2	$0, \frac{5}{28}$	-2	$\frac{9}{28}, \frac{3}{7}$	-2	$\frac{3}{28}, \frac{5}{28}$	-2	$\frac{3}{14}, \frac{13}{28}$
2	$0, \frac{1}{28}$	-2	$\frac{2}{7}, \frac{13}{28}$	-2	$\frac{1}{28}, \frac{1}{7}$	-2	$\frac{5}{14}, \frac{13}{28}$
-2	$0, \frac{5}{28}$	-2	$\frac{11}{28}, \frac{13}{28}$	2	$\frac{9}{28}, \frac{5}{14}$	-2	$\frac{11}{28}, \frac{13}{28}$
-2	$\frac{1}{28}, \frac{3}{28}$	-2	$\frac{9}{28}, \frac{1}{2}$	2	$\frac{3}{28}, \frac{1}{7}$	-2	$\frac{11}{28}, \frac{1}{2}$
2	$\frac{5}{28}, \frac{9}{28}$	2	$\frac{3}{7}, \frac{1}{2}$	2	$\frac{5}{28}, \frac{11}{28}$	2	$\frac{13}{28}, \frac{1}{2}$

Table 5: $e = 7$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 13 \pmod{56}$							
2	$0, \frac{1}{28}$	2	$\frac{3}{28}, \frac{9}{28}$	-2	$0, \frac{5}{28}$	-2	$\frac{9}{28}, \frac{3}{7}$
-2	$\frac{3}{28}, \frac{5}{28}$	-2	$\frac{3}{14}, \frac{13}{28}$	2	$0, \frac{1}{28}$	-2	$\frac{2}{7}, \frac{13}{28}$
-2	$\frac{1}{28}, \frac{1}{7}$	-2	$\frac{5}{14}, \frac{13}{28}$	-2	$0, \frac{5}{28}$	-2	$\frac{11}{28}, \frac{13}{28}$
2	$\frac{9}{28}, \frac{5}{14}$	-2	$\frac{11}{28}, \frac{13}{28}$	-2	$\frac{1}{28}, \frac{3}{28}$	-2	$\frac{9}{28}, \frac{1}{2}$
2	$\frac{3}{28}, \frac{1}{7}$	-2	$\frac{11}{28}, \frac{1}{2}$	2	$\frac{5}{28}, \frac{9}{28}$	2	$\frac{3}{7}, \frac{1}{2}$
2	$\frac{5}{28}, \frac{11}{28}$	2	$\frac{13}{28}, \frac{1}{2}$				
$ D \equiv 29 \pmod{56}$							
-2	$\frac{1}{28}, \frac{3}{28}$	2	$\frac{1}{4}, \frac{9}{28}$	2	$\frac{5}{28}, \frac{3}{14}$	2	$\frac{2}{7}, \frac{9}{28}$
-2	$0, \frac{5}{28}$	-2	$\frac{9}{28}, \frac{3}{7}$	2	$0, \frac{1}{28}$	-2	$\frac{2}{7}, \frac{13}{28}$
-2	$\frac{1}{28}, \frac{1}{7}$	-2	$\frac{5}{14}, \frac{13}{28}$	2	$\frac{5}{28}, \frac{1}{4}$	-2	$\frac{11}{28}, \frac{13}{28}$
2	$\frac{3}{28}, \frac{1}{7}$	-2	$\frac{11}{28}, \frac{1}{2}$	2	$\frac{5}{28}, \frac{9}{28}$	2	$\frac{3}{7}, \frac{1}{2}$
$ D \equiv 37 \pmod{56}$							
2	$\frac{5}{28}, \frac{3}{14}$	2	$\frac{2}{7}, \frac{9}{28}$	-2	$0, \frac{5}{28}$	-2	$\frac{9}{28}, \frac{3}{7}$
2	$0, \frac{1}{28}$	-2	$\frac{2}{7}, \frac{13}{28}$	-2	$\frac{1}{28}, \frac{1}{7}$	-2	$\frac{5}{14}, \frac{13}{28}$
2	$\frac{5}{28}, \frac{1}{4}$	-2	$\frac{11}{28}, \frac{13}{28}$	2	$\frac{3}{28}, \frac{1}{7}$	-2	$\frac{11}{28}, \frac{1}{2}$
2	$\frac{5}{28}, \frac{9}{28}$	2	$\frac{3}{7}, \frac{1}{2}$				
$ D \equiv 45 \pmod{56}$							
2	$0, \frac{1}{28}$	2	$\frac{3}{28}, \frac{9}{28}$	2	$\frac{5}{28}, \frac{3}{14}$	2	$\frac{2}{7}, \frac{9}{28}$
-2	$0, \frac{5}{28}$	-2	$\frac{9}{28}, \frac{3}{7}$	-2	$\frac{3}{28}, \frac{5}{28}$	-2	$\frac{3}{14}, \frac{13}{28}$
2	$0, \frac{1}{28}$	-2	$\frac{2}{7}, \frac{13}{28}$	-2	$\frac{1}{28}, \frac{1}{7}$	-2	$\frac{5}{14}, \frac{13}{28}$
-2	$0, \frac{5}{28}$	-2	$\frac{11}{28}, \frac{13}{28}$	2	$\frac{9}{28}, \frac{5}{14}$	-2	$\frac{11}{28}, \frac{13}{28}$
-2	$\frac{1}{28}, \frac{3}{28}$	-2	$\frac{9}{28}, \frac{1}{2}$	2	$\frac{3}{28}, \frac{1}{7}$	-2	$\frac{11}{28}, \frac{1}{2}$
2	$\frac{5}{28}, \frac{9}{28}$	2	$\frac{3}{7}, \frac{1}{2}$	2	$\frac{5}{28}, \frac{11}{28}$	2	$\frac{13}{28}, \frac{1}{2}$
$ D \equiv 53 \pmod{56}$							
-2	$\frac{1}{28}, \frac{3}{28}$	2	$\frac{1}{4}, \frac{9}{28}$	2	$\frac{5}{28}, \frac{3}{14}$	2	$\frac{2}{7}, \frac{9}{28}$
-2	$0, \frac{5}{28}$	-2	$\frac{9}{28}, \frac{3}{7}$	2	$0, \frac{1}{28}$	-2	$\frac{2}{7}, \frac{13}{28}$
-2	$\frac{1}{28}, \frac{1}{7}$	-2	$\frac{5}{14}, \frac{13}{28}$	2	$\frac{5}{28}, \frac{1}{4}$	-2	$\frac{11}{28}, \frac{13}{28}$
2	$\frac{3}{28}, \frac{1}{7}$	-2	$\frac{11}{28}, \frac{1}{2}$	2	$\frac{5}{28}, \frac{9}{28}$	2	$\frac{3}{7}, \frac{1}{2}$

For the case $e = 8$ there were 385 formulae, given below.

Table 6: Two Term Dirichlet Type Formulae, $e = 8$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 1 \pmod{8}$							
2	$0, \frac{1}{8}$	-2	$\frac{1}{8}, \frac{1}{4}$	4	$0, \frac{1}{8}$	2	$\frac{1}{8}, \frac{3}{8}$
3	$0, \frac{1}{8}$	1	$\frac{1}{4}, \frac{3}{8}$	6	$0, \frac{1}{4}$	4	$\frac{1}{4}, \frac{3}{8}$
-6	$\frac{1}{8}, \frac{1}{4}$	-2	$\frac{1}{4}, \frac{3}{8}$	4	$0, \frac{1}{8}$	2	$\frac{1}{4}, \frac{1}{2}$
-4	$\frac{1}{8}, \frac{1}{4}$	-2	$\frac{1}{4}, \frac{1}{2}$	2	$0, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{1}{2}$
2	$0, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{1}{2}$	-2	$\frac{1}{8}, \frac{3}{8}$	-4	$\frac{3}{8}, \frac{1}{2}$
-2	$\frac{1}{4}, \frac{3}{8}$	-6	$\frac{3}{8}, \frac{1}{2}$				
$ D \equiv 3 \pmod{8}$							
-2	$0, \frac{1}{8}$	2	$\frac{1}{4}, \frac{3}{8}$	-2	$0, \frac{1}{8}$	2	$\frac{1}{8}, \frac{1}{2}$
-4	$0, \frac{1}{8}$	2	$\frac{1}{4}, \frac{1}{2}$	4	$\frac{1}{8}, \frac{1}{4}$	2	$\frac{1}{4}, \frac{1}{2}$
2	$0, \frac{3}{8}$	-2	$\frac{3}{8}, \frac{1}{2}$	2	$\frac{1}{4}, \frac{3}{8}$	-2	$\frac{3}{8}, \frac{1}{2}$
$ D \equiv 5 \pmod{8}$							
4	$0, \frac{1}{8}$	2	$\frac{1}{8}, \frac{3}{8}$	2	$0, \frac{1}{4}$	4	$\frac{1}{4}, \frac{3}{8}$
4	$0, \frac{1}{8}$	-2	$\frac{1}{4}, \frac{1}{2}$	-4	$\frac{1}{8}, \frac{1}{4}$	-6	$\frac{1}{4}, \frac{1}{2}$
2	$0, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{1}{2}$	-2	$0, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{1}{2}$
-1	$\frac{1}{8}, \frac{1}{4}$	-3	$\frac{3}{8}, \frac{1}{2}$	-2	$\frac{1}{8}, \frac{3}{8}$	-4	$\frac{3}{8}, \frac{1}{2}$
2	$\frac{1}{4}, \frac{3}{8}$	-2	$\frac{3}{8}, \frac{1}{2}$				
$ D \equiv 1 \pmod{8}$							
2	$0, \frac{1}{8}$	-2	$\frac{3}{16}, \frac{5}{16}$	2	$0, \frac{1}{16}$	-2	$\frac{3}{8}, \frac{7}{16}$
$ D \equiv 3 \pmod{8}$							
-2	$0, \frac{3}{16}$	2	$\frac{5}{16}, \frac{3}{8}$	2	$\frac{3}{16}, \frac{1}{4}$	2	$\frac{5}{16}, \frac{3}{8}$
2	$0, \frac{1}{16}$	2	$\frac{1}{8}, \frac{7}{16}$	-2	$\frac{1}{16}, \frac{1}{8}$	2	$\frac{1}{4}, \frac{7}{16}$
-2	$\frac{1}{16}, \frac{3}{16}$	2	$\frac{5}{16}, \frac{7}{16}$				
$ D \equiv 5 \pmod{8}$							
2	$0, \frac{1}{8}$	2	$\frac{3}{16}, \frac{5}{16}$	-2	$\frac{1}{8}, \frac{3}{16}$	-2	$\frac{5}{16}, \frac{1}{2}$
2	$\frac{1}{16}, \frac{3}{8}$	-2	$\frac{7}{16}, \frac{1}{2}$				
$ D \equiv 7 \pmod{8}$							
$\frac{8}{3}$	$\frac{1}{8}, \frac{3}{16}$	$\frac{4}{3}$	$\frac{3}{16}, \frac{5}{16}$	2	$\frac{1}{8}, \frac{3}{16}$	2	$\frac{1}{4}, \frac{5}{16}$
4	$\frac{1}{8}, \frac{3}{16}$	-4	$\frac{5}{16}, \frac{3}{8}$	4	$\frac{3}{16}, \frac{5}{16}$	8	$\frac{5}{16}, \frac{3}{8}$
-4	$\frac{1}{16}, \frac{1}{8}$	4	$\frac{1}{8}, \frac{7}{16}$	4	$\frac{1}{16}, \frac{1}{4}$	-4	$\frac{1}{4}, \frac{7}{16}$

Table 6: $e = 8$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{16}, \frac{3}{16}$	-2	$\frac{5}{16}, \frac{7}{16}$	2	$\frac{1}{16}, \frac{1}{4}$	-2	$\frac{3}{8}, \frac{7}{16}$
$\frac{4}{3}$	$\frac{1}{16}, \frac{3}{8}$	$-\frac{4}{3}$	$\frac{3}{8}, \frac{7}{16}$	2	$\frac{1}{8}, \frac{3}{16}$	-2	$\frac{5}{16}, \frac{1}{2}$
-4	$\frac{3}{16}, \frac{5}{16}$	-8	$\frac{5}{16}, \frac{1}{2}$	4	$\frac{1}{16}, \frac{1}{4}$	4	$\frac{7}{16}, \frac{1}{2}$
2	$\frac{1}{16}, \frac{3}{8}$	2	$\frac{7}{16}, \frac{1}{2}$	4	$\frac{1}{16}, \frac{7}{16}$	8	$\frac{7}{16}, \frac{1}{2}$
$ D \equiv 1 \pmod{24}$							
-4	$\frac{1}{8}, \frac{1}{3}$	-2	$\frac{1}{3}, \frac{5}{12}$	4	$0, \frac{1}{8}$	2	$\frac{5}{24}, \frac{11}{24}$
-2	$\frac{1}{24}, \frac{7}{24}$	-4	$\frac{3}{8}, \frac{1}{2}$	-2	$\frac{1}{12}, \frac{1}{3}$	-4	$\frac{3}{8}, \frac{1}{2}$
$ D \equiv 5 \pmod{24}$							
-2	$0, \frac{1}{24}$	2	$\frac{1}{12}, \frac{5}{24}$	-2	$0, \frac{1}{24}$	2	$\frac{1}{6}, \frac{5}{24}$
2	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{1}{6}, \frac{5}{24}$	6	$\frac{1}{12}, \frac{1}{8}$	2	$\frac{1}{8}, \frac{1}{4}$
4	$0, \frac{1}{8}$	2	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{1}{12}, \frac{1}{8}$	2	$\frac{1}{6}, \frac{1}{4}$
-4	$\frac{1}{8}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{1}{4}$	-2	$0, \frac{1}{24}$	2	$\frac{1}{12}, \frac{7}{24}$
-2	$0, \frac{1}{24}$	2	$\frac{1}{6}, \frac{7}{24}$	2	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{1}{6}, \frac{7}{24}$
4	$\frac{1}{12}, \frac{1}{8}$	2	$\frac{1}{8}, \frac{3}{8}$	2	$0, \frac{1}{8}$	2	$\frac{1}{6}, \frac{3}{8}$
2	$\frac{1}{12}, \frac{1}{8}$	2	$\frac{1}{6}, \frac{3}{8}$	-2	$\frac{1}{8}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{3}{8}$
2	$\frac{1}{12}, \frac{1}{4}$	4	$\frac{1}{4}, \frac{3}{8}$	2	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{1}{4}, \frac{3}{8}$
-2	$0, \frac{1}{24}$	-2	$\frac{5}{24}, \frac{5}{12}$	2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{5}{24}, \frac{5}{12}$
2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{5}{24}, \frac{5}{12}$	4	$0, \frac{1}{8}$	-2	$\frac{1}{4}, \frac{5}{12}$
4	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{1}{4}, \frac{5}{12}$	-4	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{5}{12}$
-4	$\frac{1}{8}, \frac{1}{4}$	-6	$\frac{1}{4}, \frac{5}{12}$	-2	$0, \frac{1}{24}$	-2	$\frac{7}{24}, \frac{5}{12}$
2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{7}{24}, \frac{5}{12}$	2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{7}{24}, \frac{5}{12}$
2	$0, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{5}{12}$	2	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{5}{12}$
-2	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{3}{8}, \frac{5}{12}$	-2	$0, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{5}{12}$
-2	$\frac{1}{12}, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{5}{12}$	-1	$\frac{1}{8}, \frac{1}{4}$	-3	$\frac{3}{8}, \frac{5}{12}$
-2	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{5}{12}$	-2	$\frac{1}{8}, \frac{3}{8}$	-4	$\frac{3}{8}, \frac{5}{12}$
2	$\frac{1}{4}, \frac{3}{8}$	-2	$\frac{3}{8}, \frac{5}{12}$	2	$0, \frac{5}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$
2	$\frac{1}{12}, \frac{5}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$	2	$\frac{1}{6}, \frac{5}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$
2	$0, \frac{7}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$	2	$\frac{1}{12}, \frac{7}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$
2	$\frac{1}{6}, \frac{7}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$	-2	$0, \frac{1}{24}$	-2	$\frac{5}{24}, \frac{1}{2}$
2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{5}{24}, \frac{1}{2}$	2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{5}{24}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{1}{4}, \frac{1}{2}$	-4	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{1}{2}$
-2	$0, \frac{1}{24}$	-2	$\frac{7}{24}, \frac{1}{2}$	2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{7}{24}, \frac{1}{2}$

Table 6: $e = 8$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{7}{24}, \frac{1}{2}$	2	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{1}{2}$
-2	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{3}{8}, \frac{1}{2}$	-2	$\frac{1}{12}, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{1}{2}$	2	$0, \frac{5}{24}$	2	$\frac{11}{24}, \frac{1}{2}$
2	$\frac{1}{12}, \frac{5}{24}$	2	$\frac{11}{24}, \frac{1}{2}$	2	$\frac{1}{6}, \frac{5}{24}$	2	$\frac{11}{24}, \frac{1}{2}$
2	$0, \frac{7}{24}$	2	$\frac{11}{24}, \frac{1}{2}$	2	$\frac{1}{12}, \frac{7}{24}$	2	$\frac{11}{24}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{7}{24}$	2	$\frac{11}{24}, \frac{1}{2}$	-2	$\frac{5}{24}, \frac{5}{12}$	2	$\frac{11}{24}, \frac{1}{2}$
-2	$\frac{7}{24}, \frac{5}{12}$	2	$\frac{11}{24}, \frac{1}{2}$				
$ D \equiv 7 \pmod{24}$							
4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{8}, \frac{5}{24}$	-2	$\frac{1}{24}, \frac{1}{8}$	2	$\frac{1}{8}, \frac{7}{24}$
-4	$\frac{1}{24}, \frac{1}{8}$	4	$\frac{1}{6}, \frac{7}{24}$	-4	$\frac{1}{24}, \frac{1}{8}$	4	$\frac{1}{4}, \frac{7}{24}$
-2	$0, \frac{1}{8}$	2	$\frac{1}{8}, \frac{1}{3}$	-4	$0, \frac{1}{8}$	4	$\frac{1}{6}, \frac{1}{3}$
-4	$0, \frac{1}{8}$	4	$\frac{1}{4}, \frac{1}{3}$	-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{5}{24}, \frac{3}{8}$
4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{7}{24}, \frac{3}{8}$	4	$\frac{1}{24}, \frac{1}{4}$	4	$\frac{7}{24}, \frac{3}{8}$
2	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{7}{24}, \frac{3}{8}$	4	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{3}{8}$
4	$0, \frac{1}{4}$	4	$\frac{1}{3}, \frac{3}{8}$	2	$0, \frac{1}{3}$	4	$\frac{1}{3}, \frac{3}{8}$
-2	$\frac{1}{12}, \frac{1}{8}$	2	$\frac{1}{8}, \frac{5}{12}$	-4	$\frac{1}{12}, \frac{1}{8}$	4	$\frac{1}{6}, \frac{5}{12}$
-4	$\frac{1}{24}, \frac{1}{8}$	4	$\frac{5}{24}, \frac{5}{12}$	-4	$\frac{1}{12}, \frac{1}{8}$	4	$\frac{1}{4}, \frac{5}{12}$
4	$\frac{1}{8}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{1}{12}, \frac{1}{6}$	-4	$\frac{3}{8}, \frac{5}{12}$
4	$\frac{1}{24}, \frac{5}{24}$	-4	$\frac{3}{8}, \frac{5}{12}$	4	$\frac{1}{12}, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{5}{12}$
2	$\frac{1}{12}, \frac{3}{8}$	-2	$\frac{3}{8}, \frac{5}{12}$	-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{8}, \frac{11}{24}$
4	$\frac{1}{8}, \frac{5}{24}$	2	$\frac{5}{24}, \frac{11}{24}$	4	$\frac{1}{8}, \frac{5}{24}$	4	$\frac{1}{4}, \frac{11}{24}$
-4	$\frac{1}{12}, \frac{1}{8}$	-4	$\frac{7}{24}, \frac{11}{24}$	4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{3}{8}, \frac{11}{24}$
-4	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{3}{8}, \frac{11}{24}$	4	$\frac{5}{24}, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{11}{24}$
2	$\frac{5}{24}, \frac{3}{8}$	-2	$\frac{3}{8}, \frac{11}{24}$	-4	$\frac{1}{24}, \frac{1}{8}$	-4	$\frac{7}{24}, \frac{1}{2}$
-4	$0, \frac{1}{8}$	-4	$\frac{1}{3}, \frac{1}{2}$	-4	$\frac{1}{12}, \frac{1}{8}$	-4	$\frac{5}{12}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{3}{8}$	4	$\frac{5}{12}, \frac{1}{2}$	4	$\frac{1}{8}, \frac{5}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{5}{24}, \frac{3}{8}$	4	$\frac{11}{24}, \frac{1}{2}$				
$ D \equiv 11 \pmod{24}$							
2	$0, \frac{1}{8}$	6	$\frac{1}{8}, \frac{1}{6}$	-4	$0, \frac{1}{8}$	-6	$\frac{1}{6}, \frac{1}{4}$
4	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{1}{6}, \frac{1}{4}$	2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{1}{6}, \frac{7}{24}$
2	$0, \frac{1}{8}$	6	$\frac{1}{8}, \frac{1}{3}$	-4	$0, \frac{1}{8}$	6	$\frac{1}{4}, \frac{1}{3}$
4	$\frac{1}{8}, \frac{1}{6}$	2	$\frac{1}{4}, \frac{1}{3}$	4	$\frac{1}{8}, \frac{1}{4}$	6	$\frac{1}{4}, \frac{1}{3}$

Table 6: $e = 8$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{24}, \frac{1}{6}$	2	$\frac{7}{24}, \frac{1}{3}$	-1	$0, \frac{1}{8}$	3	$\frac{1}{6}, \frac{3}{8}$
-2	$0, \frac{1}{6}$	4	$\frac{1}{6}, \frac{3}{8}$	-6	$0, \frac{1}{6}$	4	$\frac{1}{4}, \frac{3}{8}$
3	$\frac{1}{8}, \frac{1}{6}$	1	$\frac{1}{4}, \frac{3}{8}$	6	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{1}{4}, \frac{3}{8}$
-1	$0, \frac{1}{8}$	3	$\frac{1}{3}, \frac{3}{8}$	-2	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{3}{8}$
2	$\frac{1}{8}, \frac{1}{6}$	2	$\frac{1}{3}, \frac{3}{8}$	1	$\frac{1}{8}, \frac{1}{4}$	3	$\frac{1}{3}, \frac{3}{8}$
2	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{1}{3}, \frac{3}{8}$	-2	$0, \frac{1}{3}$	4	$\frac{1}{3}, \frac{3}{8}$
-2	$\frac{1}{4}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{3}{8}$	2	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{7}{24}, \frac{5}{12}$
2	$\frac{1}{24}, \frac{5}{24}$	2	$\frac{1}{3}, \frac{5}{12}$	4	$\frac{1}{6}, \frac{5}{24}$	2	$\frac{5}{24}, \frac{11}{24}$
-2	$\frac{1}{12}, \frac{1}{6}$	2	$\frac{7}{24}, \frac{11}{24}$	1	$\frac{1}{24}, \frac{5}{24}$	1	$\frac{7}{24}, \frac{11}{24}$
2	$\frac{1}{6}, \frac{5}{24}$	2	$\frac{1}{3}, \frac{11}{24}$	-2	$\frac{1}{12}, \frac{7}{24}$	2	$\frac{1}{3}, \frac{11}{24}$
-2	$\frac{5}{24}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{11}{24}$	2	$\frac{1}{12}, \frac{5}{24}$	2	$\frac{5}{12}, \frac{11}{24}$
-2	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{11}{24}$	-2	$\frac{1}{6}, \frac{7}{24}$	2	$\frac{5}{12}, \frac{11}{24}$
2	$\frac{7}{24}, \frac{1}{3}$	2	$\frac{5}{12}, \frac{11}{24}$	-4	$0, \frac{1}{8}$	3	$\frac{1}{6}, \frac{1}{2}$
4	$\frac{1}{8}, \frac{1}{6}$	1	$\frac{1}{6}, \frac{1}{2}$	4	$\frac{1}{8}, \frac{1}{6}$	$\frac{2}{3}$	$\frac{1}{4}, \frac{1}{2}$
-4	$0, \frac{1}{8}$	3	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{8}, \frac{1}{6}$	1	$\frac{1}{3}, \frac{1}{2}$
4	$\frac{1}{8}, \frac{1}{4}$	3	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{8}, \frac{1}{3}$	1	$\frac{1}{3}, \frac{1}{2}$
6	$0, \frac{1}{6}$	-4	$\frac{3}{8}, \frac{1}{2}$	6	$\frac{1}{8}, \frac{1}{6}$	2	$\frac{3}{8}, \frac{1}{2}$
-6	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{1}{2}$	6	$0, \frac{1}{3}$	-4	$\frac{3}{8}, \frac{1}{2}$
6	$\frac{1}{8}, \frac{1}{3}$	2	$\frac{3}{8}, \frac{1}{2}$	6	$\frac{1}{4}, \frac{1}{3}$	-4	$\frac{3}{8}, \frac{1}{2}$
3	$\frac{1}{6}, \frac{3}{8}$	-1	$\frac{3}{8}, \frac{1}{2}$	3	$\frac{1}{3}, \frac{3}{8}$	-1	$\frac{3}{8}, \frac{1}{2}$
$ D \equiv 13 \pmod{24}$							
6	$0, \frac{1}{12}$	4	$\frac{1}{12}, \frac{1}{8}$	2	$0, \frac{1}{12}$	-4	$\frac{1}{8}, \frac{1}{6}$
-2	$\frac{1}{12}, \frac{1}{8}$	-6	$\frac{1}{8}, \frac{1}{6}$	6	$0, \frac{1}{12}$	-4	$\frac{1}{8}, \frac{1}{4}$
4	$0, \frac{1}{8}$	2	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{1}{12}, \frac{1}{8}$	6	$\frac{1}{6}, \frac{1}{4}$
-4	$\frac{1}{8}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{1}{4}$	4	$0, \frac{1}{8}$	2	$\frac{5}{24}, \frac{7}{24}$
4	$\frac{1}{12}, \frac{1}{8}$	6	$\frac{5}{24}, \frac{7}{24}$	-4	$\frac{1}{8}, \frac{1}{6}$	2	$\frac{5}{24}, \frac{7}{24}$
2	$0, \frac{1}{12}$	4	$\frac{1}{12}, \frac{3}{8}$	4	$\frac{1}{12}, \frac{1}{8}$	6	$\frac{1}{8}, \frac{3}{8}$
-2	$0, \frac{1}{12}$	4	$\frac{1}{6}, \frac{3}{8}$	2	$0, \frac{1}{8}$	2	$\frac{1}{6}, \frac{3}{8}$
1	$\frac{1}{12}, \frac{1}{8}$	3	$\frac{1}{6}, \frac{3}{8}$	2	$\frac{1}{12}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{3}{8}$
-2	$\frac{1}{8}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{3}{8}$	2	$0, \frac{1}{12}$	4	$\frac{1}{4}, \frac{3}{8}$
-2	$\frac{1}{12}, \frac{1}{8}$	6	$\frac{1}{4}, \frac{3}{8}$	-2	$\frac{1}{12}, \frac{1}{6}$	4	$\frac{1}{4}, \frac{3}{8}$
2	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{1}{4}, \frac{3}{8}$	6	$0, \frac{1}{12}$	-4	$\frac{1}{8}, \frac{5}{12}$

Table 6: $e = 8$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
6	$0, \frac{1}{8}$	2	$\frac{1}{8}, \frac{5}{12}$	4	$0, \frac{1}{8}$	2	$\frac{1}{6}, \frac{5}{12}$
4	$\frac{1}{12}, \frac{1}{8}$	6	$\frac{1}{6}, \frac{5}{12}$	-4	$\frac{1}{8}, \frac{1}{6}$	2	$\frac{1}{6}, \frac{5}{12}$
2	$0, \frac{1}{12}$	-4	$\frac{3}{8}, \frac{5}{12}$	-2	$\frac{1}{12}, \frac{1}{8}$	-6	$\frac{3}{8}, \frac{5}{12}$
-2	$\frac{1}{12}, \frac{1}{6}$	-4	$\frac{3}{8}, \frac{5}{12}$	2	$0, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{5}{12}$
2	$\frac{1}{8}, \frac{1}{4}$	-6	$\frac{3}{8}, \frac{5}{12}$	2	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{5}{12}$
2	$\frac{1}{24}, \frac{7}{24}$	-4	$\frac{3}{8}, \frac{5}{12}$	2	$\frac{5}{24}, \frac{7}{24}$	-4	$\frac{3}{8}, \frac{5}{12}$
2	$0, \frac{3}{8}$	-2	$\frac{3}{8}, \frac{5}{12}$	2	$\frac{1}{8}, \frac{3}{8}$	-4	$\frac{3}{8}, \frac{5}{12}$
2	$\frac{1}{6}, \frac{3}{8}$	-2	$\frac{3}{8}, \frac{5}{12}$	4	$0, \frac{1}{8}$	2	$\frac{5}{24}, \frac{11}{24}$
4	$\frac{1}{12}, \frac{1}{8}$	6	$\frac{5}{24}, \frac{11}{24}$	-4	$\frac{1}{8}, \frac{1}{6}$	2	$\frac{5}{24}, \frac{11}{24}$
2	$0, \frac{1}{12}$	-4	$\frac{1}{8}, \frac{1}{2}$	-2	$\frac{1}{12}, \frac{1}{8}$	-6	$\frac{1}{8}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{1}{8}$	-6	$\frac{1}{4}, \frac{1}{2}$	-4	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{1}{2}$
-2	$0, \frac{1}{12}$	-4	$\frac{3}{8}, \frac{1}{2}$	1	$\frac{1}{12}, \frac{1}{8}$	-3	$\frac{3}{8}, \frac{1}{2}$
2	$\frac{1}{12}, \frac{1}{6}$	-4	$\frac{3}{8}, \frac{1}{2}$	-2	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{3}{8}, \frac{1}{2}$
-2	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{1}{2}$	-2	$\frac{1}{24}, \frac{7}{24}$	-4	$\frac{3}{8}, \frac{1}{2}$
-2	$\frac{5}{24}, \frac{7}{24}$	-4	$\frac{3}{8}, \frac{1}{2}$	2	$\frac{1}{12}, \frac{3}{8}$	-2	$\frac{3}{8}, \frac{1}{2}$
4	$0, \frac{1}{8}$	-2	$\frac{5}{12}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{1}{8}$	-6	$\frac{5}{12}, \frac{1}{2}$
-4	$\frac{1}{8}, \frac{1}{6}$	-2	$\frac{5}{12}, \frac{1}{2}$	-4	$\frac{1}{8}, \frac{1}{4}$	-6	$\frac{5}{12}, \frac{1}{2}$
4	$0, \frac{3}{8}$	2	$\frac{5}{12}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{3}{8}$	-2	$\frac{5}{12}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{3}{8}$	2	$\frac{5}{12}, \frac{1}{2}$	4	$\frac{1}{4}, \frac{3}{8}$	-2	$\frac{5}{12}, \frac{1}{2}$
-4	$\frac{1}{8}, \frac{5}{12}$	-6	$\frac{5}{12}, \frac{1}{2}$	-4	$\frac{3}{8}, \frac{5}{12}$	-2	$\frac{5}{12}, \frac{1}{2}$
$ D \equiv 17 \pmod{24}$							
4	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{1}{6}, \frac{1}{4}$	2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{5}{24}, \frac{1}{3}$
2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{7}{24}, \frac{1}{3}$	-2	$0, \frac{1}{24}$	-2	$\frac{5}{24}, \frac{5}{12}$
2	$\frac{1}{24}, \frac{5}{24}$	-1	$\frac{1}{3}, \frac{5}{12}$	2	$\frac{1}{12}, \frac{1}{8}$	-2	$\frac{3}{8}, \frac{5}{12}$
-2	$\frac{1}{8}, \frac{1}{3}$	-2	$\frac{3}{8}, \frac{5}{12}$	-2	$0, \frac{1}{12}$	-2	$\frac{7}{24}, \frac{11}{24}$
-1	$0, \frac{1}{6}$	-2	$\frac{7}{24}, \frac{11}{24}$	-2	$\frac{1}{12}, \frac{1}{6}$	-2	$\frac{7}{24}, \frac{11}{24}$
1	$\frac{1}{24}, \frac{5}{24}$	-1	$\frac{7}{24}, \frac{11}{24}$	2	$\frac{1}{12}, \frac{5}{24}$	-2	$\frac{1}{3}, \frac{11}{24}$
2	$\frac{1}{6}, \frac{7}{24}$	-2	$\frac{1}{3}, \frac{11}{24}$	2	$0, \frac{7}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$
2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{5}{24}, \frac{1}{2}$	-2	$0, \frac{1}{24}$	-2	$\frac{7}{24}, \frac{1}{2}$
2	$\frac{1}{24}, \frac{5}{24}$	-2	$\frac{1}{3}, \frac{1}{2}$	2	$\frac{1}{24}, \frac{5}{24}$	2	$\frac{5}{12}, \frac{1}{2}$
2	$0, \frac{5}{24}$	2	$\frac{11}{24}, \frac{1}{2}$	2	$\frac{1}{12}, \frac{7}{24}$	2	$\frac{11}{24}, \frac{1}{2}$
-2	$\frac{7}{24}, \frac{1}{3}$	2	$\frac{11}{24}, \frac{1}{2}$				

Table 6: $e = 8$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 19 \pmod{24}$							
-4	$0, \frac{1}{8}$	6	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{1}{8}, \frac{1}{6}$	10	$\frac{1}{6}, \frac{1}{4}$
-1	$0, \frac{1}{8}$	3	$\frac{1}{8}, \frac{1}{3}$	-4	$0, \frac{1}{8}$	2	$\frac{1}{6}, \frac{1}{3}$
4	$\frac{1}{8}, \frac{1}{6}$	$\frac{10}{3}$	$\frac{1}{6}, \frac{1}{3}$	-4	$0, \frac{1}{8}$	3	$\frac{1}{4}, \frac{1}{3}$
4	$\frac{1}{8}, \frac{1}{6}$	5	$\frac{1}{4}, \frac{1}{3}$	4	$\frac{1}{8}, \frac{1}{4}$	3	$\frac{1}{4}, \frac{1}{3}$
$\frac{-5}{2}$	$0, \frac{1}{8}$	$\frac{3}{2}$	$\frac{1}{6}, \frac{3}{8}$	10	$0, \frac{1}{6}$	4	$\frac{1}{6}, \frac{3}{8}$
6	$0, \frac{1}{6}$	4	$\frac{1}{4}, \frac{3}{8}$	$\frac{3}{2}$	$\frac{1}{8}, \frac{1}{6}$	$\frac{5}{2}$	$\frac{1}{4}, \frac{3}{8}$
-6	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{1}{4}, \frac{3}{8}$	2	$0, \frac{1}{8}$	6	$\frac{1}{3}, \frac{3}{8}$
-2	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{3}{8}$	-1	$\frac{1}{8}, \frac{1}{6}$	5	$\frac{1}{3}, \frac{3}{8}$
-2	$\frac{1}{8}, \frac{1}{4}$	6	$\frac{1}{3}, \frac{3}{8}$	2	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{1}{3}, \frac{3}{8}$
1	$0, \frac{1}{3}$	4	$\frac{1}{3}, \frac{3}{8}$	$\frac{2}{3}$	$\frac{1}{6}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{3}{8}$
1	$\frac{1}{4}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{3}{8}$	-4	$0, \frac{1}{8}$	$\frac{3}{2}$	$\frac{1}{6}, \frac{1}{2}$
4	$\frac{1}{8}, \frac{1}{6}$	$\frac{5}{2}$	$\frac{1}{6}, \frac{1}{2}$	4	$\frac{1}{8}, \frac{1}{6}$	$\frac{10}{3}$	$\frac{1}{4}, \frac{1}{2}$
-4	$0, \frac{1}{8}$	6	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{8}, \frac{1}{6}$	10	$\frac{1}{3}, \frac{1}{2}$
4	$\frac{1}{8}, \frac{1}{4}$	6	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{8}, \frac{1}{3}$	-2	$\frac{1}{3}, \frac{1}{2}$
-6	$0, \frac{1}{6}$	-4	$\frac{3}{8}, \frac{1}{2}$	6	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{1}{2}$
3	$0, \frac{1}{3}$	-4	$\frac{3}{8}, \frac{1}{2}$	3	$\frac{1}{8}, \frac{1}{3}$	-1	$\frac{3}{8}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{1}{3}$	-4	$\frac{3}{8}, \frac{1}{2}$	3	$\frac{1}{4}, \frac{1}{3}$	-4	$\frac{3}{8}, \frac{1}{2}$
$\frac{3}{2}$	$\frac{1}{6}, \frac{3}{8}$	$\frac{-5}{2}$	$\frac{3}{8}, \frac{1}{2}$	6	$\frac{1}{3}, \frac{3}{8}$	2	$\frac{3}{8}, \frac{1}{2}$
$ D \equiv 23 \pmod{24}$							
$\frac{4}{3}$	$\frac{1}{24}, \frac{1}{12}$	$\frac{4}{3}$	$\frac{1}{8}, \frac{5}{24}$	2	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{1}{6}, \frac{5}{24}$
2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{5}{24}, \frac{1}{4}$	4	$\frac{1}{24}, \frac{1}{8}$	-4	$\frac{1}{6}, \frac{7}{24}$
2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{1}{24}, \frac{1}{8}$	-4	$\frac{1}{4}, \frac{7}{24}$
2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{1}{4}, \frac{7}{24}$	2	$\frac{1}{24}, \frac{1}{4}$	-2	$\frac{1}{4}, \frac{7}{24}$
2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{5}{24}, \frac{1}{3}$	4	$\frac{1}{24}, \frac{1}{8}$	4	$\frac{7}{24}, \frac{1}{3}$
2	$\frac{1}{24}, \frac{1}{6}$	2	$\frac{7}{24}, \frac{1}{3}$	2	$\frac{1}{24}, \frac{1}{4}$	2	$\frac{7}{24}, \frac{1}{3}$
2	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{7}{24}, \frac{1}{3}$	4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{5}{24}, \frac{3}{8}$
2	$\frac{1}{24}, \frac{1}{8}$	2	$\frac{7}{24}, \frac{3}{8}$	$\frac{4}{3}$	$\frac{1}{24}, \frac{1}{6}$	$\frac{4}{3}$	$\frac{7}{24}, \frac{3}{8}$
$\frac{4}{3}$	$\frac{1}{24}, \frac{1}{4}$	$\frac{4}{3}$	$\frac{7}{24}, \frac{3}{8}$	1	$\frac{1}{24}, \frac{7}{24}$	2	$\frac{7}{24}, \frac{3}{8}$
-2	$\frac{1}{12}, \frac{1}{8}$	2	$\frac{1}{8}, \frac{5}{12}$	-4	$\frac{1}{12}, \frac{1}{8}$	4	$\frac{1}{6}, \frac{5}{12}$
4	$\frac{1}{24}, \frac{1}{8}$	-4	$\frac{5}{24}, \frac{5}{12}$	2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{5}{24}, \frac{5}{12}$
-4	$\frac{1}{12}, \frac{1}{8}$	4	$\frac{1}{4}, \frac{5}{12}$	2	$\frac{1}{24}, \frac{5}{24}$	-2	$\frac{1}{4}, \frac{5}{12}$

Table 6: $e = 8$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{1}{8}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{5}{12}$
-4	$\frac{1}{12}, \frac{1}{8}$	4	$\frac{1}{3}, \frac{5}{12}$	2	$\frac{1}{24}, \frac{5}{24}$	-2	$\frac{1}{3}, \frac{5}{12}$
4	$\frac{1}{12}, \frac{1}{6}$	-4	$\frac{3}{8}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{5}{24}$	$-\frac{4}{3}$	$\frac{3}{8}, \frac{5}{12}$
4	$\frac{1}{12}, \frac{1}{4}$	-4	$\frac{3}{8}, \frac{5}{12}$	4	$\frac{1}{12}, \frac{1}{3}$	-4	$\frac{3}{8}, \frac{5}{12}$
2	$\frac{1}{12}, \frac{3}{8}$	-2	$\frac{3}{8}, \frac{5}{12}$	-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{8}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{5}{24}, \frac{11}{24}$	4	$\frac{1}{6}, \frac{5}{24}$	2	$\frac{5}{24}, \frac{11}{24}$
$\frac{4}{3}$	$\frac{1}{8}, \frac{5}{24}$	$\frac{4}{3}$	$\frac{1}{4}, \frac{11}{24}$	2	$\frac{1}{6}, \frac{5}{24}$	2	$\frac{1}{4}, \frac{11}{24}$
-2	$\frac{5}{24}, \frac{1}{4}$	2	$\frac{1}{4}, \frac{11}{24}$	2	$\frac{1}{12}, \frac{1}{6}$	2	$\frac{7}{24}, \frac{11}{24}$
1	$\frac{1}{24}, \frac{5}{24}$	1	$\frac{7}{24}, \frac{11}{24}$	2	$\frac{1}{12}, \frac{1}{4}$	2	$\frac{7}{24}, \frac{11}{24}$
$\frac{4}{3}$	$\frac{1}{8}, \frac{5}{24}$	$\frac{4}{3}$	$\frac{1}{3}, \frac{11}{24}$	2	$\frac{1}{6}, \frac{5}{24}$	2	$\frac{1}{3}, \frac{11}{24}$
-2	$\frac{5}{24}, \frac{1}{4}$	2	$\frac{1}{3}, \frac{11}{24}$	-2	$\frac{5}{24}, \frac{1}{3}$	2	$\frac{1}{3}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{3}{8}, \frac{11}{24}$	4	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{3}{8}, \frac{11}{24}$
-4	$\frac{5}{24}, \frac{1}{4}$	4	$\frac{3}{8}, \frac{11}{24}$	-4	$\frac{5}{24}, \frac{1}{3}$	4	$\frac{3}{8}, \frac{11}{24}$
2	$\frac{1}{12}, \frac{5}{24}$	2	$\frac{5}{12}, \frac{11}{24}$	2	$\frac{1}{24}, \frac{1}{12}$	-2	$\frac{5}{24}, \frac{1}{2}$
4	$\frac{1}{24}, \frac{1}{8}$	4	$\frac{7}{24}, \frac{1}{2}$	2	$\frac{1}{24}, \frac{1}{6}$	2	$\frac{7}{24}, \frac{1}{2}$
2	$\frac{1}{24}, \frac{1}{4}$	2	$\frac{7}{24}, \frac{1}{2}$	2	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{7}{24}, \frac{1}{2}$
-4	$\frac{1}{12}, \frac{1}{8}$	-4	$\frac{5}{12}, \frac{1}{2}$	2	$\frac{1}{24}, \frac{5}{24}$	2	$\frac{5}{12}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{3}{8}$	4	$\frac{5}{12}, \frac{1}{2}$	$\frac{4}{3}$	$\frac{1}{8}, \frac{5}{24}$	$-\frac{4}{3}$	$\frac{11}{24}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{5}{24}$	-2	$\frac{11}{24}, \frac{1}{2}$	-2	$\frac{5}{24}, \frac{1}{4}$	-2	$\frac{11}{24}, \frac{1}{2}$
-2	$\frac{5}{24}, \frac{1}{3}$	-2	$\frac{11}{24}, \frac{1}{2}$	-4	$\frac{5}{24}, \frac{3}{8}$	-4	$\frac{11}{24}, \frac{1}{2}$
2	$\frac{7}{24}, \frac{5}{12}$	-2	$\frac{11}{24}, \frac{1}{2}$	-2	$\frac{5}{24}, \frac{11}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$

For the case $e = 11$ there were 30 formulae, given below.

Table 7: Two Term Dirichlet Type Formulae, $e = 11$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 1 \pmod{88}$							
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$

Table 7: $e = 11$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{11}{26}$	4	$\frac{3}{26}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{6}{13}$
-4	$\frac{2}{13}, \frac{5}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	-4	$\frac{1}{26}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{6}{13}$
4	$\frac{1}{13}, \frac{7}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	4	$\frac{1}{13}, \frac{5}{13}$	4	$\frac{11}{26}, \frac{6}{13}$
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
4	$\frac{1}{13}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{9}{26}$	4	$\frac{1}{13}, \frac{5}{26}$	4	$\frac{3}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{7}{26}, \frac{5}{13}$	4	$\frac{1}{13}, \frac{3}{26}$	4	$\frac{4}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{11}{26}$	4	$\frac{3}{26}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{6}{13}$
-4	$\frac{2}{13}, \frac{5}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	-4	$\frac{1}{26}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{6}{13}$
4	$\frac{1}{13}, \frac{7}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	4	$\frac{1}{13}, \frac{5}{13}$	4	$\frac{11}{26}, \frac{6}{13}$
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{11}, \frac{7}{22}$				
$ D \equiv 9 \pmod{88}$							
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{11}, \frac{7}{22}$				
$ D \equiv 17 \pmod{88}$							
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{11}, \frac{7}{22}$				
$ D \equiv 25 \pmod{88}$							
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{11}, \frac{7}{22}$				
$ D \equiv 41 \pmod{88}$							
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{11}, \frac{7}{22}$				
$ D \equiv 49 \pmod{88}$							
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$

Table 7: $e = 11$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$0, \frac{1}{22}$	-2	$\frac{3}{11}, \frac{7}{22}$				
$ D \equiv 57 \pmod{88}$							
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{11}, \frac{7}{22}$				
$ D \equiv 65 \pmod{88}$							
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{11}, \frac{7}{22}$				
$ D \equiv 73 \pmod{88}$							
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{11}, \frac{7}{22}$				
$ D \equiv 81 \pmod{88}$							
2	$0, \frac{1}{22}$	-2	$\frac{3}{22}, \frac{2}{11}$	2	$0, \frac{1}{11}$	-2	$\frac{5}{22}, \frac{7}{22}$
2	$0, \frac{1}{22}$	-2	$\frac{3}{11}, \frac{7}{22}$				

For the case $e = 12$ there were 192 formulae, given below.

Table 8: Two Term Dirichlet Type Formulae, $e = 12$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 7 \pmod{24}$							
-2	$0, \frac{1}{12}$	2	$\frac{1}{12}, \frac{1}{3}$	-4	$0, \frac{1}{12}$	4	$\frac{1}{6}, \frac{1}{3}$
-4	$0, \frac{1}{12}$	4	$\frac{1}{4}, \frac{1}{3}$	4	$0, \frac{1}{6}$	4	$\frac{1}{3}, \frac{5}{12}$
4	$0, \frac{1}{4}$	4	$\frac{1}{3}, \frac{5}{12}$	2	$0, \frac{1}{3}$	4	$\frac{1}{3}, \frac{5}{12}$
-4	$0, \frac{1}{12}$	-4	$\frac{1}{3}, \frac{1}{2}$				
$ D \equiv 11 \pmod{24}$							
-4	$0, \frac{1}{12}$	-4	$\frac{1}{6}, \frac{1}{4}$	-4	$0, \frac{1}{12}$	4	$\frac{1}{4}, \frac{1}{3}$
-2	$0, \frac{1}{12}$	2	$\frac{1}{4}, \frac{5}{12}$	-4	$0, \frac{1}{6}$	4	$\frac{1}{4}, \frac{5}{12}$
$-\frac{8}{3}$	$0, \frac{1}{12}$	$\frac{4}{3}$	$\frac{1}{12}, \frac{1}{2}$	-4	$0, \frac{1}{12}$	2	$\frac{1}{6}, \frac{1}{2}$
-4	$0, \frac{1}{12}$	$\frac{4}{3}$	$\frac{1}{4}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{1}{4}$	$\frac{4}{3}$	$\frac{1}{4}, \frac{1}{2}$
-4	$0, \frac{1}{12}$	2	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{1}{4}$	2	$\frac{1}{3}, \frac{1}{2}$
-8	$0, \frac{1}{12}$	4	$\frac{5}{12}, \frac{1}{2}$	8	$0, \frac{1}{6}$	-4	$\frac{5}{12}, \frac{1}{2}$
8	$\frac{1}{12}, \frac{1}{4}$	4	$\frac{5}{12}, \frac{1}{2}$	-8	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{5}{12}, \frac{1}{2}$

Table 8: $e = 12$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
8	$0, \frac{1}{3}$	-4	$\frac{5}{12}, \frac{1}{2}$	8	$\frac{1}{4}, \frac{1}{3}$	-4	$\frac{5}{12}, \frac{1}{2}$
$\frac{8}{3}$	$0, \frac{5}{12}$	$\frac{-4}{3}$	$\frac{5}{12}, \frac{1}{2}$	$\frac{8}{3}$	$\frac{1}{4}, \frac{5}{12}$	$\frac{-4}{3}$	$\frac{5}{12}, \frac{1}{2}$
$ D \equiv 19 \pmod{24}$							
-12	$0, \frac{1}{12}$	-8	$\frac{1}{12}, \frac{1}{6}$	-4	$0, \frac{1}{12}$	8	$\frac{1}{6}, \frac{1}{4}$
4	$\frac{1}{12}, \frac{1}{6}$	12	$\frac{1}{6}, \frac{1}{4}$	-4	$0, \frac{1}{12}$	$\frac{8}{3}$	$\frac{1}{6}, \frac{1}{3}$
-4	$0, \frac{1}{12}$	4	$\frac{1}{4}, \frac{1}{3}$	4	$\frac{1}{12}, \frac{1}{6}$	6	$\frac{1}{4}, \frac{1}{3}$
$\frac{-12}{5}$	$0, \frac{1}{12}$	$\frac{8}{5}$	$\frac{1}{6}, \frac{5}{12}$	12	$0, \frac{1}{6}$	4	$\frac{1}{6}, \frac{5}{12}$
-2	$0, \frac{1}{12}$	2	$\frac{1}{4}, \frac{5}{12}$	8	$0, \frac{1}{6}$	4	$\frac{1}{4}, \frac{5}{12}$
$\frac{8}{5}$	$\frac{1}{12}, \frac{1}{6}$	$\frac{12}{5}$	$\frac{1}{4}, \frac{5}{12}$	-8	$\frac{1}{6}, \frac{1}{4}$	4	$\frac{1}{4}, \frac{5}{12}$
$\frac{-4}{3}$	$0, \frac{1}{12}$	$\frac{8}{3}$	$\frac{1}{12}, \frac{1}{2}$	-4	$0, \frac{1}{12}$	2	$\frac{1}{6}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{1}{6}$	3	$\frac{1}{6}, \frac{1}{2}$	-4	$0, \frac{1}{12}$	$\frac{8}{3}$	$\frac{1}{4}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{1}{6}$	4	$\frac{1}{4}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{1}{4}$	$\frac{8}{3}$	$\frac{1}{4}, \frac{1}{2}$
-4	$0, \frac{1}{12}$	8	$\frac{1}{3}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{1}{6}$	12	$\frac{1}{3}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{1}{4}$	8	$\frac{1}{3}, \frac{1}{2}$	4	$0, \frac{1}{12}$	-8	$\frac{5}{12}, \frac{1}{2}$
-4	$0, \frac{1}{6}$	-4	$\frac{5}{12}, \frac{1}{2}$	-4	$\frac{1}{12}, \frac{1}{4}$	-8	$\frac{5}{12}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{1}{4}$	-4	$\frac{5}{12}, \frac{1}{2}$	2	$0, \frac{1}{3}$	-4	$\frac{5}{12}, \frac{1}{2}$
$\frac{4}{3}$	$\frac{1}{6}, \frac{1}{3}$	-4	$\frac{5}{12}, \frac{1}{2}$	2	$\frac{1}{4}, \frac{1}{3}$	-4	$\frac{5}{12}, \frac{1}{2}$
$\frac{4}{3}$	$0, \frac{5}{12}$	$\frac{-8}{3}$	$\frac{5}{12}, \frac{1}{2}$	1	$\frac{1}{6}, \frac{5}{12}$	-3	$\frac{5}{12}, \frac{1}{2}$
$\frac{4}{3}$	$\frac{1}{4}, \frac{5}{12}$	$\frac{-8}{3}$	$\frac{5}{12}, \frac{1}{2}$				
$ D \equiv 7 \pmod{24}$							
4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{5}{24}, \frac{1}{4}$	-2	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{1}{12}, \frac{7}{24}$
-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{6}, \frac{7}{24}$	-8	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{5}{24}, \frac{7}{24}$
8	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{5}{24}, \frac{7}{24}$	$\frac{8}{3}$	$\frac{1}{12}, \frac{5}{24}$	$\frac{4}{3}$	$\frac{5}{24}, \frac{7}{24}$
8	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{5}{24}, \frac{7}{24}$	-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{4}, \frac{7}{24}$
2	$\frac{1}{12}, \frac{5}{24}$	2	$\frac{1}{4}, \frac{7}{24}$	4	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{1}{4}, \frac{7}{24}$
-4	$\frac{5}{24}, \frac{1}{4}$	4	$\frac{1}{4}, \frac{7}{24}$	4	$0, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{1}{3}$
4	$\frac{1}{12}, \frac{1}{8}$	2	$\frac{1}{8}, \frac{3}{8}$	4	$\frac{1}{12}, \frac{1}{8}$	4	$\frac{1}{6}, \frac{3}{8}$
4	$\frac{1}{12}, \frac{1}{8}$	4	$\frac{1}{4}, \frac{3}{8}$	4	$\frac{1}{8}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{3}{8}$
-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{5}{24}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{7}{24}, \frac{5}{12}$
4	$\frac{1}{24}, \frac{1}{4}$	4	$\frac{7}{24}, \frac{5}{12}$	2	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{7}{24}, \frac{5}{12}$
4	$\frac{5}{24}, \frac{7}{24}$	8	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{1}{8}, \frac{1}{6}$	4	$\frac{3}{8}, \frac{5}{12}$
4	$\frac{1}{8}, \frac{1}{4}$	4	$\frac{3}{8}, \frac{5}{12}$	2	$\frac{1}{8}, \frac{3}{8}$	4	$\frac{3}{8}, \frac{5}{12}$

Table 8: $e = 12$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{12}, \frac{11}{24}$	4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{5}{24}, \frac{11}{24}$	4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{4}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{4}$	-4	$\frac{1}{4}, \frac{11}{24}$	-4	$0, \frac{1}{24}$	-4	$\frac{1}{3}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{8}$	-4	$\frac{3}{8}, \frac{11}{24}$	2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{5}{12}, \frac{11}{24}$
2	$\frac{1}{24}, \frac{1}{4}$	-2	$\frac{5}{12}, \frac{11}{24}$	1	$\frac{1}{24}, \frac{7}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$
$\frac{4}{3}$	$\frac{1}{12}, \frac{7}{24}$	$-\frac{4}{3}$	$\frac{5}{12}, \frac{11}{24}$	2	$\frac{1}{6}, \frac{7}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$
$\frac{4}{3}$	$\frac{5}{24}, \frac{7}{24}$	$-\frac{8}{3}$	$\frac{5}{12}, \frac{11}{24}$	2	$\frac{1}{4}, \frac{7}{24}$	-2	$\frac{5}{12}, \frac{11}{24}$
$\frac{4}{3}$	$\frac{1}{24}, \frac{5}{12}$	$-\frac{4}{3}$	$\frac{5}{12}, \frac{11}{24}$	2	$\frac{5}{24}, \frac{5}{12}$	-2	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{5}{24}, \frac{1}{2}$	-4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{7}{24}, \frac{1}{2}$
2	$\frac{1}{12}, \frac{5}{24}$	-2	$\frac{7}{24}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{1}{2}$
-4	$\frac{5}{24}, \frac{1}{4}$	-4	$\frac{7}{24}, \frac{1}{2}$	-4	$\frac{5}{24}, \frac{7}{24}$	-8	$\frac{7}{24}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{1}{8}$	-4	$\frac{3}{8}, \frac{1}{2}$	4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{24}, \frac{1}{4}$	4	$\frac{11}{24}, \frac{1}{2}$	2	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{11}{24}, \frac{1}{2}$
2	$\frac{1}{12}, \frac{7}{24}$	2	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{5}{24}, \frac{7}{24}$	8	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{4}, \frac{7}{24}$	4	$\frac{11}{24}, \frac{1}{2}$
2	$\frac{1}{24}, \frac{5}{12}$	2	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{5}{24}, \frac{5}{12}$	4	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{24}, \frac{11}{24}$	8	$\frac{11}{24}, \frac{1}{2}$				
$ D \equiv 11 \pmod{24}$							
-8	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{5}{24}, \frac{7}{24}$	-4	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{7}{24}, \frac{1}{3}$
-4	$\frac{1}{24}, \frac{1}{8}$	4	$\frac{5}{24}, \frac{3}{8}$	-4	$\frac{1}{12}, \frac{5}{24}$	4	$\frac{7}{24}, \frac{5}{12}$
-2	$\frac{1}{6}, \frac{5}{24}$	2	$\frac{7}{24}, \frac{5}{12}$	$\frac{4}{3}$	$\frac{5}{24}, \frac{7}{24}$	$\frac{8}{3}$	$\frac{7}{24}, \frac{5}{12}$
$-\frac{4}{3}$	$\frac{1}{24}, \frac{1}{12}$	$\frac{4}{3}$	$\frac{1}{12}, \frac{11}{24}$	-2	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{1}{6}, \frac{11}{24}$
-4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{11}{24}$	-2	$\frac{1}{24}, \frac{5}{24}$	2	$\frac{7}{24}, \frac{11}{24}$
-2	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{1}{3}, \frac{11}{24}$	-4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{1}{3}, \frac{11}{24}$
-4	$\frac{1}{24}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{11}{24}$	-4	$\frac{1}{8}, \frac{7}{24}$	4	$\frac{3}{8}, \frac{11}{24}$
-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{5}{12}, \frac{11}{24}$	4	$\frac{1}{24}, \frac{5}{12}$	-4	$\frac{5}{12}, \frac{11}{24}$
$ D \equiv 19 \pmod{24}$							
4	$0, \frac{1}{24}$	4	$\frac{5}{24}, \frac{1}{4}$	-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{6}, \frac{7}{24}$
-2	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{5}{24}, \frac{1}{3}$	-4	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{7}{24}, \frac{1}{3}$
$-\frac{4}{3}$	$\frac{1}{24}, \frac{1}{12}$	$\frac{4}{3}$	$\frac{5}{24}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{7}{24}, \frac{5}{12}$
-2	$\frac{1}{6}, \frac{5}{24}$	2	$\frac{7}{24}, \frac{5}{12}$	-2	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{1}{6}, \frac{11}{24}$
-4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{1}{3}, \frac{11}{24}$	-4	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{5}{12}, \frac{11}{24}$

Table 8: $e = 12$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{12}, \frac{7}{24}$	-4	$\frac{5}{12}, \frac{11}{24}$				
$ D \equiv 23 \pmod{24}$							
$\frac{8}{3}$	$\frac{1}{12}, \frac{5}{24}$	$\frac{4}{3}$	$\frac{5}{24}, \frac{7}{24}$	8	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{5}{24}, \frac{7}{24}$
2	$\frac{1}{12}, \frac{5}{24}$	2	$\frac{1}{4}, \frac{7}{24}$	4	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{1}{4}, \frac{7}{24}$
-4	$\frac{5}{24}, \frac{1}{4}$	4	$\frac{1}{4}, \frac{7}{24}$	2	$\frac{1}{12}, \frac{5}{24}$	-2	$\frac{7}{24}, \frac{1}{3}$
4	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{1}{3}$	-4	$\frac{5}{24}, \frac{1}{4}$	-4	$\frac{7}{24}, \frac{1}{3}$
4	$\frac{1}{12}, \frac{1}{8}$	2	$\frac{1}{8}, \frac{3}{8}$	4	$\frac{1}{12}, \frac{1}{8}$	4	$\frac{1}{6}, \frac{3}{8}$
4	$\frac{1}{24}, \frac{1}{8}$	-4	$\frac{5}{24}, \frac{3}{8}$	4	$\frac{1}{12}, \frac{1}{8}$	4	$\frac{1}{4}, \frac{3}{8}$
4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{1}{4}, \frac{3}{8}$	4	$\frac{1}{8}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{3}{8}$
4	$\frac{1}{12}, \frac{1}{8}$	4	$\frac{1}{3}, \frac{3}{8}$	4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{1}{3}, \frac{3}{8}$
4	$\frac{1}{12}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{5}{24}, \frac{7}{24}$	8	$\frac{7}{24}, \frac{5}{12}$
4	$\frac{1}{8}, \frac{1}{6}$	4	$\frac{3}{8}, \frac{5}{12}$	$\frac{4}{3}$	$\frac{1}{24}, \frac{5}{24}$	$\frac{8}{3}$	$\frac{3}{8}, \frac{5}{12}$
4	$\frac{1}{8}, \frac{1}{4}$	4	$\frac{3}{8}, \frac{5}{12}$	4	$\frac{1}{8}, \frac{1}{3}$	4	$\frac{3}{8}, \frac{5}{12}$
2	$\frac{1}{8}, \frac{3}{8}$	4	$\frac{3}{8}, \frac{5}{12}$	-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{12}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{11}{24}$	4	$\frac{1}{24}, \frac{1}{8}$	-2	$\frac{5}{24}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{4}, \frac{11}{24}$	4	$\frac{1}{24}, \frac{1}{4}$	-4	$\frac{1}{4}, \frac{11}{24}$
8	$\frac{1}{8}, \frac{1}{6}$	-4	$\frac{7}{24}, \frac{11}{24}$	2	$\frac{1}{24}, \frac{5}{24}$	-2	$\frac{7}{24}, \frac{11}{24}$
8	$\frac{1}{8}, \frac{1}{4}$	-4	$\frac{7}{24}, \frac{11}{24}$	4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{3}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{4}$	-4	$\frac{1}{3}, \frac{11}{24}$	4	$\frac{1}{24}, \frac{1}{3}$	-4	$\frac{1}{3}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{8}$	-4	$\frac{3}{8}, \frac{11}{24}$	2	$\frac{1}{24}, \frac{7}{24}$	-4	$\frac{3}{8}, \frac{11}{24}$
4	$\frac{1}{8}, \frac{7}{24}$	-4	$\frac{3}{8}, \frac{11}{24}$	4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{5}{12}, \frac{11}{24}$
2	$\frac{1}{24}, \frac{1}{6}$	-2	$\frac{5}{12}, \frac{11}{24}$	2	$\frac{1}{24}, \frac{1}{4}$	-2	$\frac{5}{12}, \frac{11}{24}$
2	$\frac{1}{24}, \frac{1}{3}$	-2	$\frac{5}{12}, \frac{11}{24}$	$\frac{4}{3}$	$\frac{1}{24}, \frac{5}{12}$	$-\frac{4}{3}$	$\frac{5}{12}, \frac{11}{24}$
2	$\frac{1}{12}, \frac{5}{24}$	-2	$\frac{7}{24}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{1}{2}$
-4	$\frac{5}{24}, \frac{1}{4}$	-4	$\frac{7}{24}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{1}{8}$	-4	$\frac{3}{8}, \frac{1}{2}$
4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{3}{8}, \frac{1}{2}$	4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{24}, \frac{1}{4}$	4	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{24}, \frac{1}{3}$	4	$\frac{11}{24}, \frac{1}{2}$
2	$\frac{1}{24}, \frac{5}{12}$	2	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{24}, \frac{11}{24}$	8	$\frac{11}{24}, \frac{1}{2}$

For the case $e = 13$ there were 84 formulae, given below.

Table 9: Two Term Dirichlet Type Formulae, $e = 13$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 3 \pmod{104}$							
4	$\frac{1}{13}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{9}{26}$	4	$\frac{1}{13}, \frac{5}{26}$	4	$\frac{3}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{7}{26}, \frac{5}{13}$	4	$\frac{1}{13}, \frac{3}{26}$	4	$\frac{4}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{11}{26}$	4	$\frac{3}{26}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{6}{13}$
-4	$\frac{2}{13}, \frac{5}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	-4	$\frac{1}{26}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{6}{13}$
4	$\frac{1}{13}, \frac{7}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	4	$\frac{1}{13}, \frac{5}{13}$	4	$\frac{11}{26}, \frac{6}{13}$
$ D \equiv 7 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
$ D \equiv 15 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
$ D \equiv 23 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
$ D \equiv 27 \pmod{104}$							
4	$\frac{1}{13}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{9}{26}$	4	$\frac{1}{13}, \frac{5}{26}$	4	$\frac{3}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{7}{26}, \frac{5}{13}$	4	$\frac{1}{13}, \frac{3}{26}$	4	$\frac{4}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{11}{26}$	4	$\frac{3}{26}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{6}{13}$
-4	$\frac{2}{13}, \frac{5}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	-4	$\frac{1}{26}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{6}{13}$
4	$\frac{1}{13}, \frac{7}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	4	$\frac{1}{13}, \frac{5}{13}$	4	$\frac{11}{26}, \frac{6}{13}$
$ D \equiv 31 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
$ D \equiv 35 \pmod{104}$							
4	$\frac{1}{13}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{9}{26}$	4	$\frac{1}{13}, \frac{5}{26}$	4	$\frac{3}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{7}{26}, \frac{5}{13}$	4	$\frac{1}{13}, \frac{3}{26}$	4	$\frac{4}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{11}{26}$	4	$\frac{3}{26}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{6}{13}$
-4	$\frac{2}{13}, \frac{5}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	-4	$\frac{1}{26}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{6}{13}$
4	$\frac{1}{13}, \frac{7}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	4	$\frac{1}{13}, \frac{5}{13}$	4	$\frac{11}{26}, \frac{6}{13}$
$ D \equiv 43 \pmod{104}$							
4	$\frac{1}{13}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{9}{26}$	4	$\frac{1}{13}, \frac{5}{26}$	4	$\frac{3}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{7}{26}, \frac{5}{13}$	4	$\frac{1}{13}, \frac{3}{26}$	4	$\frac{4}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{11}{26}$	4	$\frac{3}{26}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{6}{13}$

Table 9: $e = 13$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$\frac{2}{13}, \frac{5}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	-4	$\frac{1}{26}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{6}{13}$
4	$\frac{1}{13}, \frac{7}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	4	$\frac{1}{13}, \frac{5}{13}$	4	$\frac{11}{26}, \frac{6}{13}$
$ D \equiv 47 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
$ D \equiv 51 \pmod{104}$							
4	$\frac{1}{13}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{9}{26}$	4	$\frac{1}{13}, \frac{5}{26}$	4	$\frac{3}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{7}{26}, \frac{5}{13}$	4	$\frac{1}{13}, \frac{3}{26}$	4	$\frac{4}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{11}{26}$	4	$\frac{3}{26}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{6}{13}$
-4	$\frac{2}{13}, \frac{5}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	-4	$\frac{1}{26}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{6}{13}$
4	$\frac{1}{13}, \frac{7}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	4	$\frac{1}{13}, \frac{5}{13}$	4	$\frac{11}{26}, \frac{6}{13}$
$ D \equiv 55 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
$ D \equiv 63 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
$ D \equiv 71 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
$ D \equiv 75 \pmod{104}$							
4	$\frac{1}{13}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{9}{26}$	4	$\frac{1}{13}, \frac{5}{26}$	4	$\frac{3}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{7}{26}, \frac{5}{13}$	4	$\frac{1}{13}, \frac{3}{26}$	4	$\frac{4}{13}, \frac{5}{13}$
-4	$\frac{2}{13}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{11}{26}$	4	$\frac{3}{26}, \frac{2}{13}$	4	$\frac{3}{13}, \frac{6}{13}$
-4	$\frac{2}{13}, \frac{5}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	-4	$\frac{1}{26}, \frac{3}{13}$	4	$\frac{4}{13}, \frac{6}{13}$
4	$\frac{1}{13}, \frac{7}{26}$	4	$\frac{4}{13}, \frac{6}{13}$	4	$\frac{1}{13}, \frac{5}{13}$	4	$\frac{11}{26}, \frac{6}{13}$
$ D \equiv 79 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
$ D \equiv 87 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
$ D \equiv 95 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$
$ D \equiv 103 \pmod{104}$							
2	$\frac{1}{26}, \frac{2}{13}$	-2	$\frac{5}{26}, \frac{3}{13}$	2	$\frac{1}{13}, \frac{7}{26}$	2	$\frac{9}{26}, \frac{5}{13}$

For the case $e = 15$ there were 1574 formulae, given below.

Table 10: Two Term Dirichlet Type Formulae, $e = 15$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 1 \pmod{60}$							
4	$0, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{1}{5}$	4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{3}$
4	$0, \frac{2}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$	4	$0, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$
4	$0, \frac{2}{15}$	-4	$\frac{1}{3}, \frac{7}{15}$	4	$0, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$
$ D \equiv 13 \pmod{60}$							
4	$0, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{1}{5}$	8	$0, \frac{1}{15}$	4	$\frac{1}{15}, \frac{4}{15}$
8	$0, \frac{1}{15}$	4	$\frac{1}{5}, \frac{2}{5}$	-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{2}{5}$
4	$0, \frac{2}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$	4	$0, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$
4	$0, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{2}{5}, \frac{7}{15}$
-4	$\frac{1}{5}, \frac{2}{5}$	-8	$\frac{2}{5}, \frac{7}{15}$				
$ D \equiv 17 \pmod{60}$							
8	$0, \frac{1}{15}$	4	$\frac{1}{15}, \frac{4}{15}$	4	$0, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$
8	$0, \frac{2}{15}$	4	$\frac{1}{5}, \frac{2}{5}$	4	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$
4	$0, \frac{1}{15}$	-4	$\frac{1}{5}, \frac{7}{15}$				
$ D \equiv 29 \pmod{60}$							
4	$0, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$	4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{3}$
4	$0, \frac{1}{15}$	-4	$\frac{1}{5}, \frac{7}{15}$	4	$0, \frac{2}{15}$	-4	$\frac{1}{3}, \frac{7}{15}$
$ D \equiv 37 \pmod{60}$							
4	$0, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{1}{5}$	8	$0, \frac{1}{15}$	4	$\frac{1}{15}, \frac{4}{15}$
8	$0, \frac{1}{15}$	4	$\frac{1}{5}, \frac{2}{5}$	-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{2}{5}$
4	$0, \frac{2}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$	4	$0, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$
4	$0, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{2}{5}, \frac{7}{15}$
-4	$\frac{1}{5}, \frac{2}{5}$	-8	$\frac{2}{5}, \frac{7}{15}$				
$ D \equiv 41 \pmod{60}$							
4	$0, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$	4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{3}$
4	$0, \frac{1}{15}$	-4	$\frac{1}{5}, \frac{7}{15}$	4	$0, \frac{2}{15}$	-4	$\frac{1}{3}, \frac{7}{15}$
$ D \equiv 49 \pmod{60}$							
4	$0, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{1}{5}$	4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{3}$
4	$0, \frac{2}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$	4	$0, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$
4	$0, \frac{2}{15}$	-4	$\frac{1}{3}, \frac{7}{15}$	4	$0, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 53 \pmod{60}$							
8	$0, \frac{1}{15}$	4	$\frac{1}{15}, \frac{4}{15}$	4	$0, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$
8	$0, \frac{2}{15}$	4	$\frac{1}{5}, \frac{2}{5}$	4	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$
4	$0, \frac{1}{15}$	-4	$\frac{1}{5}, \frac{7}{15}$				
$ D \equiv 1 \pmod{120}$							
8	$0, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{3}$	-8	$\frac{1}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{3}$
8	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{1}{15}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{2}{5}$
-8	$\frac{1}{15}, \frac{1}{3}$	4	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{2}{15}, \frac{11}{30}$	-4	$\frac{11}{30}, \frac{2}{5}$
8	$0, \frac{2}{15}$	4	$\frac{1}{5}, \frac{13}{30}$	-8	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{13}{30}$
-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{7}{15}$	-4	$\frac{1}{10}, \frac{1}{3}$	-8	$\frac{1}{3}, \frac{7}{15}$
-4	$\frac{1}{30}, \frac{2}{5}$	-8	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{1}{2}$
$ D \equiv 13 \pmod{120}$							
12	$0, \frac{1}{15}$	4	$\frac{1}{15}, \frac{1}{10}$	-4	$0, \frac{1}{30}$	4	$\frac{1}{15}, \frac{2}{15}$
8	$0, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{1}{10}, \frac{1}{6}$
-4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{2}{15}, \frac{1}{5}$
2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{1}{6}, \frac{1}{5}$
8	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{7}{30}$	4	$0, \frac{1}{10}$	8	$\frac{1}{10}, \frac{4}{15}$
4	$\frac{1}{15}, \frac{1}{10}$	12	$\frac{1}{10}, \frac{4}{15}$	4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{2}{15}, \frac{4}{15}$
4	$0, \frac{1}{15}$	4	$\frac{1}{6}, \frac{4}{15}$	-4	$0, \frac{1}{10}$	8	$\frac{1}{6}, \frac{4}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	6	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{4}{15}$
-4	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{4}{15}$	4	$\frac{1}{10}, \frac{1}{6}$	8	$\frac{1}{6}, \frac{4}{15}$
4	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$	4	$0, \frac{2}{15}$	-4	$\frac{7}{30}, \frac{4}{15}$
-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{7}{30}, \frac{4}{15}$	4	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{3}{10}$
4	$0, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{3}{10}$	8	$0, \frac{2}{15}$	-4	$\frac{1}{6}, \frac{10}{10}$
-8	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{3}{10}$	-4	$0, \frac{1}{30}$	4	$\frac{1}{5}, \frac{3}{10}$
4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$	4	$0, \frac{1}{15}$	4	$\frac{2}{15}, \frac{11}{30}$
-4	$0, \frac{1}{10}$	8	$\frac{2}{15}, \frac{11}{30}$	-2	$\frac{1}{15}, \frac{1}{10}$	6	$\frac{2}{15}, \frac{11}{30}$
-2	$0, \frac{1}{30}$	2	$\frac{1}{6}, \frac{11}{30}$	-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{6}, \frac{11}{30}$
4	$0, \frac{1}{15}$	2	$\frac{1}{5}, \frac{11}{30}$	-4	$0, \frac{1}{10}$	4	$\frac{1}{5}, \frac{11}{30}$
-2	$\frac{1}{15}, \frac{1}{10}$	3	$\frac{1}{5}, \frac{11}{30}$	2	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{1}{5}, \frac{11}{30}$
-4	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{1}{5}, \frac{11}{30}$	4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{11}{30}$
8	$0, \frac{2}{15}$	-4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{7}{30}, \frac{11}{30}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-8	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{7}{30}, \frac{11}{30}$	-4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{11}{30}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{8}{3}$	$\frac{4}{15}, \frac{11}{30}$	-4	$\frac{7}{30}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{11}{30}$
4	$0, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$	4	$\frac{1}{6}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$
-4	$\frac{1}{5}, \frac{7}{30}$	8	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{3}{10}, \frac{11}{30}$
2	$\frac{1}{10}, \frac{3}{10}$	4	$\frac{3}{10}, \frac{11}{30}$	4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{2}{5}$
4	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{2}{15}, \frac{2}{5}$	-4	$0, \frac{1}{30}$	4	$\frac{1}{6}, \frac{2}{5}$
-8	$\frac{1}{15}, \frac{1}{10}$	12	$\frac{1}{5}, \frac{2}{5}$	$\frac{8}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{2}{5}$
-8	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{2}{5}$	4	$0, \frac{2}{15}$	-2	$\frac{7}{30}, \frac{2}{5}$
-4	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{7}{30}, \frac{2}{5}$	-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{3}{10}, \frac{2}{5}$	4	$0, \frac{7}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$
4	$\frac{1}{6}, \frac{7}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$	4	$0, \frac{1}{10}$	8	$\frac{2}{15}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{10}$	12	$\frac{2}{15}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{13}{30}$
2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{6}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{13}{30}$
4	$0, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$	4	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{3}{10}, \frac{13}{30}$
8	$0, \frac{1}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$	-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{11}{30}, \frac{13}{30}$
$\frac{8}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{-4}{3}$	$\frac{11}{30}, \frac{13}{30}$	-8	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{11}{30}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{13}{30}$	-8	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{11}{30}, \frac{13}{30}$
8	$0, \frac{4}{15}$	4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
8	$\frac{1}{6}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{2}{15}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{13}{30}$
4	$0, \frac{1}{10}$	4	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{1}{10}$	6	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{2}{5}, \frac{13}{30}$	4	$0, \frac{4}{15}$	2	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{2}{15}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{13}{30}$	2	$\frac{1}{5}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{13}{30}$
4	$0, \frac{2}{15}$	-4	$\frac{1}{6}, \frac{7}{15}$	4	$0, \frac{1}{10}$	-8	$\frac{1}{5}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{1}{5}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{7}{15}$
-4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{1}{5}, \frac{7}{15}$	4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$
-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{-8}{3}$	$\frac{3}{10}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$
-4	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{7}{15}$	-4	$0, \frac{3}{10}$	-8	$\frac{3}{10}, \frac{7}{15}$
-4	$\frac{1}{6}, \frac{3}{10}$	-8	$\frac{3}{10}, \frac{7}{15}$	2	$0, \frac{1}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$-\frac{4}{3}$	$0, \frac{1}{10}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$	$-\frac{4}{5}$	$\frac{1}{15}, \frac{1}{10}$	$-\frac{12}{5}$	$\frac{11}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{4}{3}$	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{10}, \frac{1}{6}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$	1	$\frac{1}{30}, \frac{1}{5}$	-2	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{7}{15}$	-4	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{1}{15}, \frac{4}{15}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$	2	$\frac{1}{10}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$
-4	$\frac{1}{6}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{5}, \frac{11}{30}$	-4	$\frac{11}{30}, \frac{7}{15}$
-4	$0, \frac{1}{10}$	-8	$\frac{2}{5}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{2}{5}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{2}{5}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$	-4	$0, \frac{1}{15}$	-4	$\frac{13}{30}, \frac{7}{15}$
$\frac{4}{3}$	$0, \frac{1}{10}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{1}{10}$	-3	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{13}{30}, \frac{7}{15}$	$-\frac{4}{3}$	$\frac{1}{10}, \frac{1}{6}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$
-2	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{13}{30}, \frac{7}{15}$
2	$0, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{4}{15}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$
-4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$	1	$\frac{1}{5}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{2}{5}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$
-4	$\frac{1}{30}, \frac{13}{30}$	-8	$\frac{13}{30}, \frac{7}{15}$	$-\frac{4}{3}$	$\frac{11}{30}, \frac{13}{30}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$
-2	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{7}{15}$	8	$0, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{2}$
-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{1}{10}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{1}{2}$
4	$0, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{1}{2}$	4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$
-4	$0, \frac{1}{10}$	-8	$\frac{4}{15}, \frac{1}{2}$	-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{4}{15}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{1}{2}$	4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$
8	$0, \frac{2}{15}$	4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{1}{2}$
$\frac{8}{3}$	$\frac{1}{30}, \frac{4}{15}$	$-\frac{4}{3}$	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{2}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{2}$	-2	$0, \frac{1}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$	-4	$\frac{1}{5}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{1}{2}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$0, \frac{1}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$	4	$0, \frac{11}{30}$	4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{11}{30}$	4	$\frac{2}{5}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$
-4	$0, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	-4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
2	$0, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{30}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{1}{2}$	4	$\frac{2}{15}, \frac{4}{15}$	-4	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{10}, \frac{3}{10}$	-4	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{3}{10}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
-4	$\frac{1}{10}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	4	$\frac{3}{10}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{7}{30}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$	4	$0, \frac{2}{15}$	4	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{4}{15}$	-4	$\frac{7}{15}, \frac{1}{2}$
4	$0, \frac{3}{10}$	8	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{3}{10}$	8	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{7}{30}, \frac{11}{30}$	8	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{4}{15}, \frac{11}{30}$	4	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{1}{15}, \frac{13}{30}$	4	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{3}{10}, \frac{7}{15}$	4	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 17 \pmod{120}$							
12	$0, \frac{1}{15}$	4	$\frac{1}{15}, \frac{1}{10}$	4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{1}{5}$
4	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{1}{5}$
4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{7}{30}$	4	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{2}{15}, \frac{7}{30}$
4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{7}{30}$	4	$0, \frac{1}{10}$	8	$\frac{1}{10}, \frac{4}{15}$
4	$\frac{1}{15}, \frac{1}{10}$	12	$\frac{1}{10}, \frac{4}{15}$	4	$0, \frac{2}{15}$	4	$\frac{2}{30}, \frac{4}{15}$
4	$0, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{3}{10}$	4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{4}{15}, \frac{1}{3}$
4	$0, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{11}{30}$	-4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{11}{30}$
-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{2}{15}, \frac{11}{30}$	8	$0, \frac{1}{15}$	-4	$\frac{1}{5}, \frac{11}{30}$
-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{1}{5}, \frac{11}{30}$	8	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{11}{30}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{11}{30}$	8	$0, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{11}{30}$
-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{7}{30}, \frac{11}{30}$	8	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{7}{30}, \frac{11}{30}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{7}{30}, \frac{11}{30}$
4	$\frac{1}{10}, \frac{2}{15}$	-4	$\frac{4}{15}, \frac{11}{30}$	8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{5}, \frac{2}{5}$
8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{2}{5}$	8	$0, \frac{2}{15}$	4	$\frac{7}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{15}, \frac{13}{30}$	-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{13}{30}$	8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
8	$0, \frac{2}{15}$	4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
8	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$	-8	$\frac{2}{15}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{11}{30}$	-4	$\frac{11}{30}, \frac{13}{30}$	8	$0, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{2}{5}, \frac{13}{30}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{2}{5}, \frac{13}{30}$	-8	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$
8	$0, \frac{4}{15}$	4	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$
-8	$\frac{2}{15}, \frac{11}{30}$	4	$\frac{2}{5}, \frac{13}{30}$	-4	$0, \frac{1}{10}$	-8	$\frac{1}{5}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{1}{5}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{1}{5}, \frac{7}{15}$
4	$0, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{7}{15}$	-4	$0, \frac{1}{10}$	-8	$\frac{7}{30}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{7}{30}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{7}{30}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{7}{15}$
4	$0, \frac{1}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$
4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{3}{10}, \frac{7}{15}$
4	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{7}{15}$	4	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{7}{15}$
-4	$0, \frac{3}{10}$	-8	$\frac{3}{10}, \frac{7}{15}$	4	$\frac{1}{6}, \frac{3}{10}$	-8	$\frac{1}{3}, \frac{7}{15}$
4	$0, \frac{1}{10}$	-8	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$	4	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{5}, \frac{11}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$
-4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$	8	$0, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{2}$
-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{1}{10}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{1}{2}$
4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$0, \frac{1}{10}$	-8	$\frac{4}{15}, \frac{1}{2}$
-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$	8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$
8	$0, \frac{2}{15}$	4	$\frac{3}{10}, \frac{1}{2}$	8	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$
8	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{2}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{2}$
4	$0, \frac{2}{15}$	4	$\frac{7}{15}, \frac{1}{2}$	4	$0, \frac{3}{10}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{2}{5}$	8	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{7}{30}, \frac{2}{5}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{1}{30}, \frac{13}{30}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{13}{30}$	4	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{3}{10}, \frac{7}{15}$	4	$\frac{7}{15}, \frac{1}{2}$				

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 29 \pmod{120}$							
-4	$0, \frac{1}{30}$	4	$\frac{1}{6}, \frac{1}{5}$	-2	$0, \frac{1}{30}$	2	$\frac{1}{10}, \frac{7}{30}$
-4	$0, \frac{1}{10}$	4	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{7}{30}$
2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{4}{15}$
-4	$0, \frac{1}{30}$	2	$\frac{1}{10}, \frac{3}{10}$	4	$0, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{3}{10}$
4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{7}{30}, \frac{3}{10}$
-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{1}{3}$	8	$0, \frac{1}{15}$	-4	$\frac{3}{10}, \frac{1}{3}$
-8	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{3}{10}, \frac{1}{3}$	-8	$\frac{4}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{3}$
-2	$0, \frac{1}{30}$	2	$\frac{1}{6}, \frac{11}{30}$	2	$0, \frac{7}{30}$	2	$\frac{3}{10}, \frac{11}{30}$
2	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{3}, \frac{11}{30}$
-4	$0, \frac{1}{30}$	4	$\frac{1}{10}, \frac{2}{5}$	-4	$0, \frac{1}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{3}{10}, \frac{2}{5}$	4	$\frac{1}{10}, \frac{7}{30}$	4	$\frac{3}{10}, \frac{2}{5}$
4	$0, \frac{1}{10}$	-4	$\frac{11}{30}, \frac{2}{5}$	-4	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{11}{30}, \frac{2}{5}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{11}{30}, \frac{2}{5}$	2	$\frac{1}{5}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{2}{5}$
4	$0, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$	4	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$
4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{1}{3}, \frac{13}{30}$	$\frac{8}{3}$	$0, \frac{7}{30}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$
$\frac{8}{3}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$	$\frac{8}{3}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$
8	$\frac{1}{5}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$
8	$0, \frac{2}{5}$	4	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{1}{6}, \frac{2}{5}$	4	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{7}{30}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{1}{3}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{4}{15}$	4	$\frac{1}{3}, \frac{7}{15}$
2	$0, \frac{1}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{4}{15}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{4}{15}, \frac{1}{3}$	-4	$\frac{11}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{3}{10}, \frac{1}{3}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{10}$	-4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$	2	$0, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{1}{6}, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{1}{3}$	-4	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$	-4	$0, \frac{1}{30}$	-4	$\frac{1}{5}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$	-2	$0, \frac{1}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{1}{2}$	-4	$0, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{1}{2}$	-2	$\frac{1}{10}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{1}{2}$
-2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{1}{2}$	4	$0, \frac{7}{30}$	4	$\frac{2}{5}, \frac{1}{2}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{6}, \frac{7}{30}$	4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$	2	$0, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{3}{10}$	-4	$\frac{13}{30}, \frac{1}{2}$	4	$0, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{7}{30}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$
-4	$\frac{2}{5}, \frac{13}{30}$	-8	$\frac{13}{30}, \frac{1}{2}$	4	$\frac{1}{10}, \frac{1}{3}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 37 \pmod{120}$							
12	$0, \frac{1}{15}$	4	$\frac{1}{15}, \frac{1}{10}$	-4	$0, \frac{1}{30}$	4	$\frac{1}{15}, \frac{2}{15}$
8	$0, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{1}{10}, \frac{1}{6}$
-4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{2}{15}, \frac{1}{5}$
2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{1}{6}, \frac{1}{5}$
8	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{7}{30}$	8	$0, \frac{1}{5}$	4	$\frac{1}{5}, \frac{7}{30}$
8	$\frac{1}{6}, \frac{1}{5}$	4	$\frac{1}{5}, \frac{7}{30}$	4	$0, \frac{1}{10}$	8	$\frac{1}{10}, \frac{4}{15}$
4	$\frac{1}{15}, \frac{1}{10}$	12	$\frac{1}{10}, \frac{4}{15}$	4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{2}{15}, \frac{4}{15}$
4	$0, \frac{1}{15}$	4	$\frac{1}{6}, \frac{4}{15}$	-4	$0, \frac{1}{10}$	8	$\frac{1}{6}, \frac{4}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	6	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{4}{15}$
-4	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{4}{15}$	4	$\frac{1}{10}, \frac{1}{6}$	8	$\frac{1}{6}, \frac{4}{15}$
4	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$	4	$0, \frac{2}{15}$	-4	$\frac{7}{30}, \frac{4}{15}$
-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{7}{30}, \frac{4}{15}$	4	$\frac{1}{30}, \frac{7}{30}$	8	$\frac{7}{30}, \frac{4}{15}$
4	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{3}{10}$	4	$0, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{3}{10}$
8	$0, \frac{2}{15}$	-4	$\frac{1}{6}, \frac{3}{10}$	-8	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{3}{10}$
-4	$0, \frac{1}{30}$	4	$\frac{1}{5}, \frac{3}{10}$	4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$
4	$0, \frac{1}{15}$	4	$\frac{2}{15}, \frac{11}{30}$	-4	$0, \frac{1}{10}$	8	$\frac{2}{15}, \frac{11}{30}$
-2	$\frac{1}{15}, \frac{1}{10}$	6	$\frac{2}{15}, \frac{11}{30}$	-2	$0, \frac{1}{30}$	2	$\frac{1}{6}, \frac{11}{30}$
-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{6}, \frac{11}{30}$	4	$0, \frac{1}{15}$	2	$\frac{1}{5}, \frac{11}{30}$
-4	$0, \frac{1}{10}$	4	$\frac{1}{5}, \frac{11}{30}$	-2	$\frac{1}{15}, \frac{1}{10}$	3	$\frac{1}{5}, \frac{11}{30}$
2	$\frac{1}{30}, \frac{2}{15}$	1	$\frac{1}{5}, \frac{11}{30}$	-4	$\frac{1}{15}, \frac{1}{6}$	2	$\frac{1}{5}, \frac{11}{30}$
4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{11}{30}$	8	$0, \frac{2}{15}$	-4	$\frac{7}{30}, \frac{11}{30}$
-8	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{7}{30}, \frac{11}{30}$
-4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{11}{30}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{8}{3}$	$\frac{4}{15}, \frac{11}{30}$
-4	$\frac{7}{30}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{11}{30}$	4	$0, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{6}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{1}{5}, \frac{7}{30}$	8	$\frac{3}{10}, \frac{11}{30}$
-4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{1}{10}, \frac{3}{10}$	4	$\frac{3}{10}, \frac{11}{30}$
4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{2}{5}$	4	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{2}{15}, \frac{2}{5}$
-4	$0, \frac{1}{30}$	4	$\frac{1}{6}, \frac{2}{5}$	-8	$\frac{1}{15}, \frac{1}{10}$	12	$\frac{1}{5}, \frac{2}{5}$
$\frac{8}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{2}{5}$	-8	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{2}{5}$
4	$0, \frac{2}{15}$	-2	$\frac{7}{30}, \frac{2}{5}$	-4	$\frac{2}{15}, \frac{1}{6}$	-2	$\frac{7}{30}, \frac{2}{5}$
-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{7}{30}$	8	$\frac{4}{15}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{3}{10}, \frac{2}{5}$	4	$0, \frac{7}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$
4	$\frac{1}{6}, \frac{7}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$	4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{3}{10}, \frac{2}{5}$
4	$0, \frac{1}{10}$	8	$\frac{2}{15}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{1}{10}$	12	$\frac{2}{15}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{13}{30}$	2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{6}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{13}{30}$	4	$0, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$
4	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{3}{10}, \frac{13}{30}$	8	$0, \frac{1}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{11}{30}, \frac{13}{30}$	$\frac{8}{3}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{4}{3}$	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{11}{30}, \frac{13}{30}$	8	$0, \frac{4}{15}$	4	$\frac{11}{30}, \frac{13}{30}$
8	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{1}{6}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{13}{30}$
8	$\frac{2}{15}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{13}{30}$	4	$0, \frac{1}{10}$	4	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{1}{10}$	6	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{2}{15}, \frac{1}{5}$	2	$\frac{2}{5}, \frac{13}{30}$
4	$0, \frac{4}{15}$	2	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{2}{5}, \frac{13}{30}$
4	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{2}{15}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{13}{30}$
2	$\frac{1}{5}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{13}{30}$	4	$0, \frac{2}{15}$	-4	$\frac{1}{6}, \frac{7}{15}$
4	$0, \frac{1}{10}$	-8	$\frac{1}{5}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{1}{5}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{7}{15}$	-4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{1}{5}, \frac{7}{15}$
4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$	-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{7}{15}$
-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{8}{3}$	$\frac{3}{10}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$	-4	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{7}{15}$
-4	$0, \frac{3}{10}$	-8	$\frac{3}{10}, \frac{7}{15}$	-4	$\frac{1}{6}, \frac{3}{10}$	-8	$\frac{3}{10}, \frac{7}{15}$
2	$0, \frac{1}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$	$-\frac{4}{3}$	$0, \frac{1}{10}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$
$-\frac{4}{5}$	$\frac{1}{15}, \frac{1}{10}$	$-\frac{12}{5}$	$\frac{11}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{4}{3}$	$\frac{11}{30}, \frac{7}{15}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{1}{6}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$
1	$\frac{1}{30}, \frac{1}{5}$	-2	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{7}{15}$
-4	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	$-\frac{4}{3}$	$\frac{1}{15}, \frac{4}{15}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{6}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{5}, \frac{11}{30}$	-4	$\frac{11}{30}, \frac{7}{15}$	-4	$0, \frac{1}{10}$	-8	$\frac{2}{5}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{2}{5}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{2}{5}, \frac{7}{15}$
-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{2}{5}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$
-4	$0, \frac{1}{15}$	-4	$\frac{13}{30}, \frac{7}{15}$	$\frac{4}{3}$	$0, \frac{1}{10}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{1}{10}$	-3	$\frac{13}{30}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{13}{30}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{1}{10}, \frac{1}{6}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$	-2	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{13}{30}, \frac{7}{15}$	2	$0, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{15}, \frac{4}{15}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$	-4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{1}{6}, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$
1	$\frac{1}{5}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$	4	$\frac{2}{15}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{5}, \frac{2}{5}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{13}{30}$	-8	$\frac{13}{30}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{11}{30}, \frac{13}{30}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$	-2	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{7}{15}$
8	$0, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{2}$	-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{1}{10}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{1}{2}$	4	$0, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{1}{2}$	-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{1}{2}$
4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$0, \frac{1}{10}$	-8	$\frac{4}{15}, \frac{1}{2}$
-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{4}{15}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{1}{2}$	4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$	8	$0, \frac{2}{15}$	4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{1}{2}$	$\frac{8}{3}$	$\frac{1}{30}, \frac{4}{15}$	$-\frac{4}{3}$	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{2}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{2}$
-2	$0, \frac{1}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$	-4	$\frac{1}{15}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{1}{2}$	-4	$0, \frac{1}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$0, \frac{11}{30}$	4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{11}{30}$	4	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$	-4	$0, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	2	$0, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{30}$	$\frac{-8}{3}$	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{2}{15}, \frac{4}{15}$	-4	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{1}{10}, \frac{3}{10}$	-4	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{3}{10}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{3}{10}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{7}{30}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$
4	$0, \frac{2}{15}$	4	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{4}{15}$	-4	$\frac{7}{15}, \frac{1}{2}$
4	$0, \frac{3}{10}$	8	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{3}{10}$	8	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{7}{30}, \frac{11}{30}$	8	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{4}{15}, \frac{11}{30}$	4	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{1}{15}, \frac{13}{30}$	4	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{3}{10}, \frac{7}{15}$	4	$\frac{7}{15}, \frac{1}{2}$
$ D \equiv 41 \pmod{120}$							
8	$0, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{3}$	-4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{4}{15}, \frac{1}{3}$
4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{1}{3}$	8	$0, \frac{2}{15}$	4	$\frac{3}{10}, \frac{1}{3}$
8	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{3}$	-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{11}{30}$
8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$
4	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{13}{30}$
8	$0, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$
-8	$\frac{4}{15}, \frac{1}{3}$	4	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{1}{5}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$
4	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{7}{15}$	-4	$\frac{3}{10}, \frac{1}{3}$	-8	$\frac{1}{3}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{7}{30}, \frac{2}{5}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 49 \pmod{120}$							
8	$0, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{3}$	-8	$\frac{1}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{3}$
8	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{1}{15}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{2}{5}$
-8	$\frac{1}{15}, \frac{1}{3}$	4	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{2}{15}, \frac{11}{30}$	-4	$\frac{11}{30}, \frac{2}{5}$
8	$0, \frac{2}{15}$	4	$\frac{1}{5}, \frac{13}{30}$	-8	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{13}{30}$
-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{7}{15}$	-4	$\frac{1}{10}, \frac{1}{3}$	-8	$\frac{1}{3}, \frac{7}{15}$
-4	$\frac{1}{30}, \frac{2}{5}$	-8	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{1}{2}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 53 \pmod{120}$							
-4	$0, \frac{1}{30}$	4	$\frac{1}{15}, \frac{2}{15}$	12	$0, \frac{1}{10}$	8	$\frac{1}{10}, \frac{2}{15}$
4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{1}{10}, \frac{2}{15}$	-12	$\frac{2}{15}, \frac{1}{6}$
-4	$0, \frac{1}{30}$	4	$\frac{1}{6}, \frac{1}{5}$	-2	$0, \frac{1}{30}$	2	$\frac{1}{10}, \frac{7}{30}$
-4	$\frac{1}{15}, \frac{1}{10}$	4	$\frac{2}{15}, \frac{7}{30}$	-4	$0, \frac{1}{10}$	4	$\frac{1}{5}, \frac{7}{30}$
4	$0, \frac{2}{15}$	2	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{7}{30}$
-4	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{5}, \frac{7}{30}$	4	$0, \frac{1}{15}$	4	$\frac{1}{6}, \frac{4}{15}$
2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	-4	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{4}{15}$
-4	$0, \frac{1}{10}$	8	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{1}{10}, \frac{1}{6}$	8	$\frac{1}{5}, \frac{4}{15}$
-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{4}{15}$	-4	$0, \frac{1}{10}$	-8	$\frac{7}{30}, \frac{4}{15}$
4	$0, \frac{2}{15}$	-4	$\frac{7}{30}, \frac{4}{15}$	4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{7}{30}, \frac{4}{15}$
-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{7}{30}, \frac{4}{15}$	4	$\frac{1}{30}, \frac{7}{30}$	8	$\frac{7}{30}, \frac{4}{15}$
12	$0, \frac{1}{15}$	4	$\frac{1}{15}, \frac{3}{10}$	-4	$0, \frac{1}{30}$	2	$\frac{1}{10}, \frac{3}{10}$
8	$0, \frac{1}{15}$	4	$\frac{1}{6}, \frac{3}{10}$	$\frac{8}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{4}{3}$	$\frac{1}{6}, \frac{3}{10}$
-8	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{3}{10}$	4	$\frac{1}{15}, \frac{2}{15}$	-4	$\frac{7}{30}, \frac{3}{10}$
4	$0, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{3}{10}$	4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{3}{10}$
2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{7}{30}, \frac{3}{10}$	4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{4}{15}, \frac{3}{10}$
4	$0, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{3}{10}$	4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{3}{10}$
4	$\frac{1}{6}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{3}{10}$	4	$0, \frac{1}{15}$	4	$\frac{2}{15}, \frac{11}{30}$
-2	$0, \frac{1}{30}$	2	$\frac{1}{6}, \frac{11}{30}$	-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{6}, \frac{11}{30}$
8	$0, \frac{2}{15}$	-4	$\frac{7}{30}, \frac{11}{30}$	8	$\frac{1}{10}, \frac{2}{15}$	-12	$\frac{7}{30}, \frac{11}{30}$
-8	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{7}{30}, \frac{11}{30}$	4	$0, \frac{1}{10}$	8	$\frac{4}{15}, \frac{11}{30}$
-4	$\frac{1}{10}, \frac{2}{15}$	12	$\frac{4}{15}, \frac{11}{30}$	-4	$\frac{1}{10}, \frac{1}{6}$	8	$\frac{4}{15}, \frac{11}{30}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{8}{3}$	$\frac{4}{15}, \frac{11}{30}$	2	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{11}{30}$
-4	$\frac{7}{30}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{11}{30}$	2	$0, \frac{7}{30}$	2	$\frac{3}{10}, \frac{11}{30}$
2	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{11}{30}$	4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{3}{10}, \frac{11}{30}$
-4	$0, \frac{1}{30}$	4	$\frac{1}{10}, \frac{2}{5}$	8	$\frac{1}{10}, \frac{2}{15}$	12	$\frac{1}{5}, \frac{2}{5}$
-8	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{2}{5}$	4	$0, \frac{1}{10}$	-8	$\frac{4}{15}, \frac{2}{5}$
-4	$\frac{1}{10}, \frac{2}{15}$	-12	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{4}{15}, \frac{2}{5}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{-8}{3}$	$\frac{4}{15}, \frac{2}{5}$	2	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{2}{5}$
2	$\frac{1}{30}, \frac{4}{15}$	-2	$\frac{4}{15}, \frac{2}{5}$	-4	$0, \frac{1}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{3}{10}, \frac{2}{5}$	4	$\frac{1}{10}, \frac{7}{30}$	4	$\frac{3}{10}, \frac{2}{5}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$0, \frac{1}{10}$	-4	$\frac{11}{30}, \frac{2}{5}$	-4	$\frac{1}{10}, \frac{2}{15}$	-6	$\frac{11}{30}, \frac{2}{5}$
-4	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{11}{30}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	-4	$\frac{11}{30}, \frac{2}{5}$
2	$\frac{1}{5}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{4}{15}$	-1	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{2}{5}$	-4	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{13}{30}$
4	$0, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$	4	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$
4	$\frac{1}{15}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{13}{30}$	8	$0, \frac{1}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
$\frac{8}{3}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{4}{3}$	$\frac{11}{30}, \frac{13}{30}$	-8	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{13}{30}$	8	$0, \frac{4}{15}$	4	$\frac{11}{30}, \frac{13}{30}$
8	$\frac{1}{6}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{13}{30}$	-8	$\frac{1}{15}, \frac{3}{10}$	-12	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{4}{15}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{2}{15}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{13}{30}$
$\frac{8}{3}$	$0, \frac{7}{30}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$	$\frac{8}{3}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$
8	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{2}{5}, \frac{13}{30}$	$\frac{8}{3}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$
8	$\frac{1}{5}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$
8	$0, \frac{2}{5}$	4	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{1}{6}, \frac{2}{5}$	4	$\frac{2}{5}, \frac{13}{30}$
-12	$0, \frac{1}{10}$	-8	$\frac{1}{10}, \frac{7}{15}$	-4	$0, \frac{1}{10}$	-8	$\frac{1}{6}, \frac{7}{15}$
4	$0, \frac{2}{15}$	-4	$\frac{1}{6}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{1}{6}, \frac{7}{15}$
2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{7}{30}, \frac{7}{15}$	2	$0, \frac{1}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{2}{15}$	$-\frac{4}{3}$	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{11}{30}, \frac{7}{15}$	-4	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{1}{15}, \frac{4}{15}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{6}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$
$-\frac{4}{3}$	$0, \frac{3}{10}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$	$-\frac{4}{5}$	$\frac{1}{15}, \frac{3}{10}$	$-\frac{12}{5}$	$\frac{11}{30}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{1}{6}, \frac{3}{10}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{4}{15}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{7}{15}$
-4	$\frac{1}{15}, \frac{1}{10}$	-4	$\frac{2}{5}, \frac{7}{15}$	-4	$0, \frac{1}{15}$	-4	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{13}{30}, \frac{7}{15}$	4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$
2	$0, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{15}, \frac{4}{15}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{1}{6}, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$	$\frac{4}{3}$	$0, \frac{3}{10}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$
1	$\frac{1}{15}, \frac{3}{10}$	-3	$\frac{13}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{6}, \frac{3}{10}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{4}{15}, \frac{3}{10}$	-4	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$
-4	$\frac{1}{30}, \frac{13}{30}$	-8	$\frac{13}{30}, \frac{7}{15}$	-2	$\frac{1}{5}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{7}{15}$
$-\frac{4}{3}$	$\frac{11}{30}, \frac{13}{30}$	$-\frac{8}{3}$	$\frac{13}{30}, \frac{7}{15}$	4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{1}{2}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$\frac{1}{10}, \frac{2}{15}$	-12	$\frac{2}{15}, \frac{1}{2}$	-4	$0, \frac{1}{30}$	-4	$\frac{1}{5}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{1}{2}$	4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{1}{2}$
8	$0, \frac{1}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$	$\frac{8}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{-4}{3}$	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{2}$
8	$0, \frac{4}{15}$	4	$\frac{3}{10}, \frac{1}{2}$	8	$\frac{1}{6}, \frac{4}{15}$	4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{1}{15}, \frac{3}{10}$	-12	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{4}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{2}$
-2	$0, \frac{1}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$	-4	$\frac{1}{15}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{1}{2}$	-4	$0, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{1}{2}$	-2	$\frac{1}{10}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{1}{2}$
-2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{1}{2}$	4	$0, \frac{7}{30}$	4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{7}{30}$	4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$	2	$0, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	4	$\frac{2}{15}, \frac{4}{15}$	-4	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$	4	$\frac{1}{5}, \frac{3}{10}$	-4	$\frac{13}{30}, \frac{1}{2}$
4	$0, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{7}{30}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$	-4	$\frac{2}{5}, \frac{13}{30}$	-8	$\frac{13}{30}, \frac{1}{2}$
-4	$0, \frac{1}{10}$	8	$\frac{7}{15}, \frac{1}{2}$	4	$0, \frac{2}{15}$	4	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{1}{6}$	8	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{4}{15}$	-4	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{7}{30}, \frac{11}{30}$	8	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{4}{15}, \frac{11}{30}$	4	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{2}{5}$	8	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{1}{15}, \frac{13}{30}$	4	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{7}{15}$	12	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 61 \pmod{120}$							
4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{1}{6}, \frac{1}{5}$	8	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{7}{30}$
8	$0, \frac{1}{5}$	4	$\frac{1}{5}, \frac{7}{30}$	8	$\frac{1}{6}, \frac{1}{5}$	4	$\frac{1}{5}, \frac{7}{30}$
2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	4	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$
4	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{3}{10}$	-4	$0, \frac{1}{30}$	4	$\frac{1}{5}, \frac{3}{10}$
4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$	8	$0, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{3}$
-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{1}{3}$	4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{1}{3}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
8	$0, \frac{2}{15}$	4	$\frac{3}{10}, \frac{1}{3}$	-8	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{3}{10}, \frac{1}{3}$
-8	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{3}$	$\frac{8}{3}$	$\frac{1}{30}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{3}$
-2	$0, \frac{1}{30}$	2	$\frac{1}{6}, \frac{11}{30}$	-4	$0, \frac{1}{10}$	4	$\frac{1}{5}, \frac{11}{30}$
4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{11}{30}$	-4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{11}{30}$
4	$0, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$	4	$\frac{1}{6}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$
-4	$\frac{1}{5}, \frac{7}{30}$	8	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{1}{10}, \frac{3}{10}$	4	$\frac{3}{10}, \frac{11}{30}$
-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{3}, \frac{11}{30}$	-4	$0, \frac{1}{30}$	4	$\frac{1}{6}, \frac{2}{5}$
-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{3}{10}, \frac{2}{5}$
4	$0, \frac{7}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$	4	$\frac{1}{6}, \frac{7}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$
4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{3}{10}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{6}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{13}{30}$	4	$0, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$
4	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$	4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{1}{3}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{13}{30}$	4	$0, \frac{1}{10}$	4	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{2}{5}, \frac{13}{30}$
2	$\frac{1}{5}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{7}{15}$
4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$	-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{7}{15}$
-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{1}{3}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{4}{15}$	4	$\frac{1}{3}, \frac{7}{15}$
-4	$\frac{3}{10}, \frac{1}{3}$	-8	$\frac{1}{3}, \frac{7}{15}$	2	$0, \frac{1}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{1}{3}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{4}{15}, \frac{1}{3}$	-4	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{1}{3}$	-8	$\frac{2}{5}, \frac{7}{15}$
2	$0, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{1}{3}$	-4	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{1}{2}$
4	$0, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{1}{2}$	-2	$0, \frac{1}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{1}{2}$	-4	$0, \frac{1}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$0, \frac{11}{30}$	4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{11}{30}$	4	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$	-4	$0, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	2	$0, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	$\frac{4}{3}, \frac{1}{5}, \frac{7}{30}$	$\frac{7}{30}$	$\frac{-8}{3}$	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{10}, \frac{3}{10}$	-4	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{3}{10}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
-4	$\frac{1}{10}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	4	$\frac{3}{10}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{7}{30}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$				
$ D \equiv 73 \pmod{120}$							
4	$0, \frac{1}{10}$	8	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{7}{30}$
8	$0, \frac{1}{15}$	4	$\frac{1}{5}, \frac{7}{30}$	8	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{1}{5}, \frac{7}{30}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{7}{30}$	4	$0, \frac{1}{10}$	8	$\frac{7}{30}, \frac{4}{15}$
4	$0, \frac{2}{15}$	4	$\frac{7}{30}, \frac{4}{15}$	4	$0, \frac{1}{15}$	-4	$\frac{1}{15}, \frac{3}{10}$
6	$0, \frac{1}{15}$	-2	$\frac{4}{15}, \frac{3}{10}$	12	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{4}{15}, \frac{3}{10}$
-12	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{3}{10}$
-6	$\frac{2}{15}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{3}{10}$
12	$0, \frac{4}{15}$	4	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{3}{10}$
4	$0, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{11}{30}$	8	$0, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{11}{30}$
8	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{7}{30}, \frac{11}{30}$
-8	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{7}{30}, \frac{11}{30}$	4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{2}{5}$
8	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{1}{5}, \frac{2}{5}$	4	$0, \frac{1}{10}$	-8	$\frac{4}{15}, \frac{2}{5}$
8	$0, \frac{1}{15}$	4	$\frac{11}{30}, \frac{2}{5}$	8	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{2}{5}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{2}{15}, \frac{7}{30}$	4	$\frac{11}{30}, \frac{2}{5}$
8	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{1}{15}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{2}{5}$
-8	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{2}{15}, \frac{11}{30}$	-4	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{15}, \frac{13}{30}$	-4	$\frac{1}{15}, \frac{1}{10}$	-4	$\frac{2}{15}, \frac{13}{30}$
8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{5}, \frac{13}{30}$	8	$0, \frac{2}{15}$	4	$\frac{1}{5}, \frac{13}{30}$
8	$\frac{1}{10}, \frac{2}{15}$	-4	$\frac{1}{5}, \frac{13}{30}$	-8	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{13}{30}$	8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
8	$0, \frac{2}{15}$	4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{1}{10}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{11}{30}$	-4	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{7}{15}$
-4	$0, \frac{1}{10}$	-8	$\frac{1}{10}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{1}{5}, \frac{7}{15}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$0, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{7}{15}$
-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{7}{15}$	4	$0, \frac{1}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$
-4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$	-4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{1}{3}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$
4	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{11}{30}, \frac{7}{15}$
-4	$0, \frac{3}{10}$	-8	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{4}{15}, \frac{3}{10}$	-6	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$
-4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$
-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{2}{5}, \frac{7}{15}$	4	$0, \frac{3}{10}$	-8	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{2}{5}, \frac{7}{15}$
-4	$\frac{1}{30}, \frac{2}{5}$	-8	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{2}{5}, \frac{7}{15}$
8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{1}{2}$
-4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{1}{2}$	4	$\frac{1}{10}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{1}{2}$
4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{1}{2}$	8	$0, \frac{1}{15}$	4	$\frac{3}{10}, \frac{1}{2}$
8	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{2}{15}, \frac{7}{30}$	4	$\frac{3}{10}, \frac{1}{2}$	8	$0, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{1}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{3}{10}, \frac{1}{2}$
4	$0, \frac{1}{10}$	8	$\frac{7}{15}, \frac{1}{2}$	4	$0, \frac{2}{15}$	4	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{30}, \frac{13}{30}$	8	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{1}{15}, \frac{13}{30}$	4	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{13}{30}$	8	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{10}, \frac{7}{15}$	4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 77 \pmod{120}$							
-4	$0, \frac{1}{30}$	4	$\frac{1}{15}, \frac{2}{15}$	12	$0, \frac{1}{10}$	8	$\frac{1}{10}, \frac{2}{15}$
4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{1}{10}, \frac{2}{15}$	-12	$\frac{2}{15}, \frac{1}{6}$
-4	$0, \frac{1}{30}$	4	$\frac{1}{6}, \frac{1}{5}$	-2	$0, \frac{1}{30}$	2	$\frac{1}{10}, \frac{7}{30}$
-4	$\frac{1}{15}, \frac{1}{10}$	4	$\frac{2}{15}, \frac{7}{30}$	-4	$0, \frac{1}{10}$	4	$\frac{1}{5}, \frac{7}{30}$
4	$0, \frac{2}{15}$	2	$\frac{1}{5}, \frac{7}{30}$	2	$\frac{1}{10}, \frac{2}{15}$	3	$\frac{1}{5}, \frac{7}{30}$
4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{2}{15}, \frac{1}{6}$	2	$\frac{1}{5}, \frac{7}{30}$
4	$0, \frac{1}{15}$	4	$\frac{1}{6}, \frac{4}{15}$	2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{4}{15}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{4}{15}$	-4	$0, \frac{1}{10}$	8	$\frac{1}{5}, \frac{4}{15}$
2	$\frac{1}{10}, \frac{2}{15}$	6	$\frac{1}{5}, \frac{4}{15}$	4	$\frac{1}{10}, \frac{1}{6}$	8	$\frac{1}{5}, \frac{4}{15}$
-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{4}{15}$	-4	$0, \frac{1}{10}$	-8	$\frac{7}{30}, \frac{4}{15}$
4	$0, \frac{2}{15}$	-4	$\frac{7}{30}, \frac{4}{15}$	2	$\frac{1}{10}, \frac{2}{15}$	-6	$\frac{7}{30}, \frac{4}{15}$
4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{7}{30}, \frac{4}{15}$
4	$\frac{1}{30}, \frac{7}{30}$	8	$\frac{7}{30}, \frac{4}{15}$	12	$0, \frac{1}{15}$	4	$\frac{1}{15}, \frac{3}{10}$
-4	$0, \frac{1}{30}$	2	$\frac{1}{10}, \frac{3}{10}$	8	$0, \frac{1}{15}$	4	$\frac{1}{6}, \frac{3}{10}$
$\frac{8}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{4}{3}$	$\frac{1}{6}, \frac{3}{10}$	-8	$\frac{1}{15}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{3}{10}$
4	$\frac{1}{15}, \frac{2}{15}$	-4	$\frac{7}{30}, \frac{3}{10}$	4	$0, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{3}{10}$
4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{7}{30}, \frac{3}{10}$
4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{4}{15}, \frac{3}{10}$	4	$0, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{3}{10}$
4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{3}{10}$	4	$\frac{1}{6}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{3}{10}$
4	$0, \frac{1}{15}$	4	$\frac{2}{15}, \frac{11}{30}$	-2	$0, \frac{1}{30}$	2	$\frac{1}{6}, \frac{11}{30}$
-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{6}, \frac{11}{30}$	8	$0, \frac{2}{15}$	-4	$\frac{7}{30}, \frac{11}{30}$
8	$\frac{1}{10}, \frac{2}{15}$	-12	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{7}{30}, \frac{11}{30}$
4	$0, \frac{1}{10}$	8	$\frac{4}{15}, \frac{11}{30}$	-4	$\frac{1}{10}, \frac{2}{15}$	12	$\frac{4}{15}, \frac{11}{30}$
-4	$\frac{1}{10}, \frac{1}{6}$	8	$\frac{4}{15}, \frac{11}{30}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{8}{3}$	$\frac{4}{15}, \frac{11}{30}$
2	$\frac{1}{5}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{11}{30}$	-4	$\frac{7}{30}, \frac{4}{15}$	4	$\frac{4}{15}, \frac{11}{30}$
2	$0, \frac{7}{30}$	2	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{11}{30}$
4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{3}{10}, \frac{11}{30}$	-4	$0, \frac{1}{30}$	4	$\frac{1}{10}, \frac{2}{5}$
8	$\frac{1}{10}, \frac{2}{15}$	12	$\frac{1}{5}, \frac{2}{5}$	-8	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{2}{5}$
4	$0, \frac{1}{10}$	-8	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{1}{10}, \frac{2}{15}$	-12	$\frac{4}{15}, \frac{2}{5}$
-4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{4}{15}, \frac{2}{5}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{-8}{3}$	$\frac{4}{15}, \frac{2}{5}$
2	$\frac{1}{5}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{4}{15}$	-2	$\frac{4}{15}, \frac{2}{5}$
-4	$0, \frac{1}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{3}{10}, \frac{2}{5}$
4	$\frac{1}{10}, \frac{7}{30}$	4	$\frac{3}{10}, \frac{2}{5}$	4	$0, \frac{1}{10}$	-4	$\frac{11}{30}, \frac{2}{5}$
-4	$\frac{1}{10}, \frac{2}{15}$	-6	$\frac{11}{30}, \frac{2}{5}$	-4	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{11}{30}, \frac{2}{5}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	$\frac{-4}{3}$	$\frac{11}{30}, \frac{2}{5}$	2	$\frac{1}{5}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{2}{5}$
2	$\frac{1}{30}, \frac{4}{15}$	-1	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{5}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{2}{5}$
-4	$\frac{7}{30}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{13}{30}$	4	$0, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$
4	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{7}{30}$	4	$\frac{4}{15}, \frac{13}{30}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
8	$0, \frac{1}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$	$\frac{8}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{-4}{3}$	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{11}{30}, \frac{13}{30}$	-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{13}{30}$
8	$0, \frac{4}{15}$	4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{1}{6}, \frac{4}{15}$	4	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{3}{10}$	-12	$\frac{11}{30}, \frac{13}{30}$	-8	$\frac{4}{15}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{13}{30}$
8	$\frac{2}{15}, \frac{11}{30}$	4	$\frac{11}{30}, \frac{13}{30}$	$\frac{8}{3}$	$0, \frac{7}{30}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$
$\frac{8}{3}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{2}{5}, \frac{13}{30}$
$\frac{8}{3}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{1}{5}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{13}{30}$
8	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$	8	$0, \frac{2}{5}$	4	$\frac{2}{5}, \frac{13}{30}$
8	$\frac{1}{6}, \frac{2}{5}$	4	$\frac{2}{5}, \frac{13}{30}$	-4	$0, \frac{1}{10}$	-8	$\frac{1}{6}, \frac{7}{15}$
4	$0, \frac{2}{15}$	-4	$\frac{1}{6}, \frac{7}{15}$	2	$\frac{1}{10}, \frac{2}{15}$	-6	$\frac{1}{6}, \frac{7}{15}$
4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{1}{6}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{1}{5}, \frac{7}{15}$
-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{7}{30}, \frac{7}{15}$
2	$0, \frac{1}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{-4}{3}$	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{2}{15}, \frac{1}{5}$	-2	$\frac{11}{30}, \frac{7}{15}$
-4	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	$\frac{-4}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{-8}{3}$	$\frac{11}{30}, \frac{7}{15}$
-4	$\frac{1}{6}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	$\frac{-4}{3}$	$0, \frac{3}{10}$	$\frac{-8}{3}$	$\frac{11}{30}, \frac{7}{15}$
$\frac{-4}{5}$	$\frac{1}{15}, \frac{3}{10}$	$\frac{-12}{5}$	$\frac{11}{30}, \frac{7}{15}$	$\frac{-4}{3}$	$\frac{1}{6}, \frac{3}{10}$	$\frac{-8}{3}$	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{4}{15}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{10}$	-4	$\frac{2}{5}, \frac{7}{15}$
-4	$0, \frac{1}{15}$	-4	$\frac{13}{30}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$	2	$0, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{15}, \frac{4}{15}$	$\frac{-8}{3}$	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$
$\frac{4}{3}$	$0, \frac{3}{10}$	$\frac{-8}{3}$	$\frac{13}{30}, \frac{7}{15}$	1	$\frac{1}{15}, \frac{3}{10}$	-3	$\frac{13}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{1}{6}, \frac{3}{10}$	$\frac{-8}{3}$	$\frac{13}{30}, \frac{7}{15}$	4	$\frac{4}{15}, \frac{3}{10}$	-4	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{13}{30}$	-8	$\frac{13}{30}, \frac{7}{15}$
-2	$\frac{1}{5}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{7}{15}$	$\frac{-4}{3}$	$\frac{11}{30}, \frac{13}{30}$	$\frac{-8}{3}$	$\frac{13}{30}, \frac{7}{15}$
4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{2}{15}$	-12	$\frac{2}{15}, \frac{1}{2}$
-4	$0, \frac{1}{30}$	-4	$\frac{1}{5}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{1}{2}$
4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{1}{2}$	8	$0, \frac{1}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$
$\frac{8}{3}$	$\frac{1}{30}, \frac{2}{15}$	$\frac{-4}{3}$	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{2}$	8	$0, \frac{4}{15}$	4	$\frac{3}{10}, \frac{1}{2}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
8	$\frac{1}{6}, \frac{4}{15}$	4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{1}{15}, \frac{3}{10}$	-12	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{4}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{2}$	-2	$0, \frac{1}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{1}{2}$
-4	$0, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{1}{2}$	-4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{1}{2}$
-2	$\frac{1}{10}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{1}{2}$	-2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{1}{2}$
4	$0, \frac{7}{30}$	4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{7}{30}$	4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$
2	$0, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{2}{15}, \frac{4}{15}$	-4	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{3}{10}$	-4	$\frac{13}{30}, \frac{1}{2}$	4	$0, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{7}{30}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$
-4	$\frac{2}{5}, \frac{13}{30}$	-8	$\frac{13}{30}, \frac{1}{2}$	-4	$0, \frac{1}{10}$	8	$\frac{7}{15}, \frac{1}{2}$
4	$0, \frac{2}{15}$	4	$\frac{7}{15}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{2}{15}$	6	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{1}{6}$	8	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{4}{15}$	-4	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{7}{30}, \frac{11}{30}$	8	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{4}{15}, \frac{11}{30}$	4	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{2}{5}$	8	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$
-2	$\frac{11}{30}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$	4	$\frac{1}{15}, \frac{13}{30}$	4	$\frac{7}{15}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{7}{15}$	12	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 89 \pmod{120}$							
8	$0, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{3}$	-4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{4}{15}, \frac{1}{3}$
4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{1}{3}$	8	$0, \frac{2}{15}$	4	$\frac{3}{10}, \frac{1}{3}$
8	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{3}$	-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{11}{30}$
8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$
4	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$	-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{13}{30}$
8	$0, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$
-8	$\frac{4}{15}, \frac{1}{3}$	4	$\frac{2}{5}, \frac{13}{30}$	-4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{1}{5}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$
4	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{7}{15}$	-4	$\frac{3}{10}, \frac{1}{3}$	-8	$\frac{1}{3}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{7}{30}, \frac{2}{5}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$				

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 97 \pmod{120}$							
4	$0, \frac{1}{10}$	8	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{7}{30}$
8	$0, \frac{1}{15}$	4	$\frac{1}{5}, \frac{7}{30}$	8	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{1}{5}, \frac{7}{30}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{7}{30}$	4	$0, \frac{1}{10}$	8	$\frac{7}{30}, \frac{4}{15}$
4	$0, \frac{2}{15}$	4	$\frac{7}{30}, \frac{4}{15}$	4	$0, \frac{1}{15}$	-4	$\frac{1}{15}, \frac{3}{10}$
6	$0, \frac{1}{15}$	-2	$\frac{4}{15}, \frac{3}{10}$	12	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{4}{15}, \frac{3}{10}$
-12	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{3}{10}$
-6	$\frac{2}{15}, \frac{7}{30}$	-2	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{3}{10}$
12	$0, \frac{4}{15}$	4	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{3}{10}$
4	$0, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{11}{30}$	8	$0, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{11}{30}$
8	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{7}{30}, \frac{11}{30}$
-8	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{7}{30}, \frac{11}{30}$	4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{2}{5}$
8	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{1}{5}, \frac{2}{5}$	4	$0, \frac{1}{10}$	-8	$\frac{4}{15}, \frac{2}{5}$
8	$0, \frac{1}{15}$	4	$\frac{11}{30}, \frac{2}{5}$	8	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{2}{5}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{2}{15}, \frac{7}{30}$	4	$\frac{11}{30}, \frac{2}{5}$
8	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{1}{15}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{2}{5}$
-8	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{2}{15}, \frac{11}{30}$	-4	$\frac{11}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{15}, \frac{13}{30}$	-4	$\frac{1}{15}, \frac{1}{10}$	-4	$\frac{2}{15}, \frac{13}{30}$
8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{5}, \frac{13}{30}$	8	$0, \frac{2}{15}$	4	$\frac{1}{5}, \frac{13}{30}$
8	$\frac{1}{10}, \frac{2}{15}$	-4	$\frac{1}{5}, \frac{13}{30}$	-8	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{13}{30}$	8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
8	$0, \frac{2}{15}$	4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{1}{10}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{11}{30}$	-4	$\frac{11}{30}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{7}{15}$
-4	$0, \frac{1}{10}$	-8	$\frac{1}{10}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{1}{5}, \frac{7}{15}$
4	$0, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{7}{15}$
-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{7}{15}$	4	$0, \frac{1}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$
-4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$	-4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{1}{3}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$
4	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{11}{30}, \frac{7}{15}$
-4	$0, \frac{3}{10}$	-8	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{7}{15}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-2	$\frac{4}{15}, \frac{3}{10}$	-6	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$
-4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{7}{15}$
-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{2}{5}, \frac{7}{15}$	4	$0, \frac{3}{10}$	-8	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{2}{5}, \frac{7}{15}$
-4	$\frac{1}{30}, \frac{2}{5}$	-8	$\frac{2}{5}, \frac{7}{15}$	-4	$\frac{11}{30}, \frac{2}{5}$	-8	$\frac{2}{5}, \frac{7}{15}$
8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{1}{2}$
-4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{1}{2}$	4	$\frac{1}{10}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{1}{2}$
4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{1}{2}$	8	$0, \frac{1}{15}$	4	$\frac{3}{10}, \frac{1}{2}$
8	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{2}{15}, \frac{7}{30}$	4	$\frac{3}{10}, \frac{1}{2}$	8	$0, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{1}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{4}{15}, \frac{3}{10}$	-12	$\frac{3}{10}, \frac{1}{2}$
4	$0, \frac{1}{10}$	8	$\frac{7}{15}, \frac{1}{2}$	4	$0, \frac{2}{15}$	4	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{30}, \frac{13}{30}$	8	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{1}{15}, \frac{13}{30}$	4	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{13}{30}$	8	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{10}, \frac{7}{15}$	4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 101 \pmod{120}$							
-4	$0, \frac{1}{30}$	4	$\frac{1}{6}, \frac{1}{5}$	-2	$0, \frac{1}{30}$	2	$\frac{1}{10}, \frac{7}{30}$
2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	-4	$\frac{2}{15}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{4}{15}$
-4	$0, \frac{1}{30}$	2	$\frac{1}{10}, \frac{3}{10}$	4	$0, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{3}{10}$
4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{3}{10}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{7}{30}, \frac{3}{10}$
-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{1}{3}$	8	$0, \frac{1}{15}$	-4	$\frac{3}{10}, \frac{1}{3}$
-8	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{3}{10}, \frac{1}{3}$	-8	$\frac{4}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{3}$
-2	$0, \frac{1}{30}$	2	$\frac{1}{6}, \frac{11}{30}$	2	$0, \frac{7}{30}$	2	$\frac{3}{10}, \frac{11}{30}$
2	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{3}, \frac{11}{30}$
-4	$0, \frac{1}{30}$	4	$\frac{1}{10}, \frac{2}{5}$	-4	$0, \frac{1}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{3}{10}, \frac{2}{5}$	4	$\frac{1}{10}, \frac{7}{30}$	4	$\frac{3}{10}, \frac{2}{5}$
4	$0, \frac{1}{10}$	-4	$\frac{11}{30}, \frac{2}{5}$	-4	$\frac{1}{10}, \frac{1}{6}$	-4	$\frac{11}{30}, \frac{2}{5}$
$\frac{4}{3}$	$\frac{1}{30}, \frac{7}{30}$	$-\frac{4}{3}$	$\frac{11}{30}, \frac{2}{5}$	2	$\frac{1}{5}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{2}{5}$
4	$0, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$	4	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$
4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{1}{3}, \frac{13}{30}$	$\frac{8}{3}$	$0, \frac{7}{30}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$\frac{8}{3}$	$\frac{1}{6}, \frac{7}{30}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$	$\frac{8}{3}$	$\frac{1}{30}, \frac{3}{10}$	$\frac{4}{3}$	$\frac{2}{5}, \frac{13}{30}$
8	$\frac{1}{5}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$
8	0, $\frac{2}{5}$	4	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{1}{6}, \frac{2}{5}$	4	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{10}$	-2	$\frac{7}{30}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{1}{3}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{4}{15}$	4	$\frac{1}{3}, \frac{7}{15}$
2	0, $\frac{1}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$	-2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{4}{15}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{4}{15}, \frac{1}{3}$	-4	$\frac{11}{30}, \frac{7}{15}$
$\frac{4}{3}$	$\frac{3}{10}, \frac{1}{3}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{10}$	-4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$	2	0, $\frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{1}{6}, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{1}{3}$	-4	$\frac{13}{30}, \frac{7}{15}$
2	$\frac{2}{15}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$	-4	0, $\frac{1}{30}$	-4	$\frac{1}{5}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{1}{5}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$	-2	0, $\frac{1}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{1}{2}$	-4	0, $\frac{1}{5}$	-4	$\frac{11}{30}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{1}{2}$	-2	$\frac{1}{10}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{1}{2}$
-2	$\frac{7}{30}, \frac{3}{10}$	-2	$\frac{11}{30}, \frac{1}{2}$	4	0, $\frac{7}{30}$	4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{7}{30}$	4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{3}{10}$	4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{3}{10}, \frac{11}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$	2	0, $\frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{3}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{1}{5}, \frac{3}{10}$	-4	$\frac{13}{30}, \frac{1}{2}$	4	0, $\frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	-2	$\frac{7}{30}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$
-4	$\frac{2}{5}, \frac{13}{30}$	-8	$\frac{13}{30}, \frac{1}{2}$	4	$\frac{1}{10}, \frac{1}{3}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$				
$ D \equiv 109 \pmod{120}$							
4	$\frac{1}{30}, \frac{1}{10}$	4	$\frac{1}{6}, \frac{1}{5}$	8	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{7}{30}$
8	0, $\frac{1}{5}$	4	$\frac{1}{5}, \frac{7}{30}$	8	$\frac{1}{6}, \frac{1}{5}$	4	$\frac{1}{5}, \frac{7}{30}$
2	$\frac{1}{30}, \frac{2}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	4	$\frac{1}{10}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{4}{15}$
4	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{10}, \frac{3}{10}$	-4	0, $\frac{1}{30}$	4	$\frac{1}{5}, \frac{3}{10}$
4	$\frac{1}{30}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{3}{10}$	8	0, $\frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{3}$
-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{1}{3}$	4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{1}{3}$
-8	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{3}$	$\frac{8}{3}$	$\frac{1}{30}, \frac{4}{15}$	$-\frac{4}{3}$	$\frac{3}{10}, \frac{1}{3}$
-2	0, $\frac{1}{30}$	2	$\frac{1}{6}, \frac{11}{30}$	-4	0, $\frac{1}{10}$	4	$\frac{1}{5}, \frac{11}{30}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{1}{5}, \frac{11}{30}$	-4	$\frac{1}{15}, \frac{1}{5}$	4	$\frac{4}{15}, \frac{11}{30}$
4	$0, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$	4	$\frac{1}{6}, \frac{1}{5}$	4	$\frac{3}{10}, \frac{11}{30}$
-4	$\frac{1}{5}, \frac{7}{30}$	8	$\frac{3}{10}, \frac{11}{30}$	2	$\frac{1}{10}, \frac{3}{10}$	4	$\frac{3}{10}, \frac{11}{30}$
-4	$\frac{1}{15}, \frac{2}{15}$	4	$\frac{1}{3}, \frac{11}{30}$	-4	$0, \frac{1}{30}$	4	$\frac{1}{6}, \frac{2}{5}$
-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{3}{10}, \frac{2}{5}$
4	$0, \frac{7}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$	4	$\frac{1}{6}, \frac{7}{30}$	-4	$\frac{3}{10}, \frac{2}{5}$
4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{3}{10}, \frac{2}{5}$	2	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{1}{6}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{1}{10}$	2	$\frac{7}{30}, \frac{13}{30}$	4	$0, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$
4	$\frac{1}{6}, \frac{7}{30}$	2	$\frac{7}{30}, \frac{13}{30}$	4	$\frac{2}{15}, \frac{4}{15}$	4	$\frac{1}{3}, \frac{13}{30}$
4	$\frac{1}{30}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{13}{30}$	4	$0, \frac{1}{10}$	4	$\frac{2}{5}, \frac{13}{30}$
-4	$\frac{1}{10}, \frac{1}{6}$	4	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{1}{15}, \frac{4}{15}$	4	$\frac{2}{5}, \frac{13}{30}$
2	$\frac{1}{5}, \frac{11}{30}$	2	$\frac{2}{5}, \frac{13}{30}$	4	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{7}{15}$
4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$	-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{7}{15}$
-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{7}{15}$	2	$\frac{1}{30}, \frac{4}{15}$	-2	$\frac{3}{10}, \frac{7}{15}$
-4	$\frac{2}{15}, \frac{1}{6}$	-4	$\frac{1}{3}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{4}{15}$	4	$\frac{1}{3}, \frac{7}{15}$
-4	$\frac{3}{10}, \frac{1}{3}$	-8	$\frac{1}{3}, \frac{7}{15}$	2	$0, \frac{1}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{11}{30}, \frac{7}{15}$
2	$\frac{1}{10}, \frac{4}{15}$	-2	$\frac{11}{30}, \frac{7}{15}$	$\frac{4}{3}$	$\frac{1}{10}, \frac{1}{3}$	$-\frac{8}{3}$	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{4}{15}, \frac{1}{3}$	-4	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{15}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{7}{15}$
4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{1}{3}$	-8	$\frac{2}{5}, \frac{7}{15}$
2	$0, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{1}{6}, \frac{4}{15}$	-2	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{1}{3}$	-4	$\frac{13}{30}, \frac{7}{15}$	2	$\frac{2}{15}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{7}{15}$
4	$\frac{2}{15}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{1}{10}$	-4	$\frac{1}{5}, \frac{1}{2}$
4	$0, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{1}{2}$	2	$\frac{1}{30}, \frac{2}{15}$	-2	$\frac{4}{15}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{7}{30}$	-2	$\frac{3}{10}, \frac{1}{2}$	-2	$0, \frac{1}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{6}$	-2	$\frac{11}{30}, \frac{1}{2}$	2	$\frac{1}{10}, \frac{7}{30}$	-2	$\frac{11}{30}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{1}{2}$	-4	$0, \frac{1}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$
4	$\frac{1}{30}, \frac{1}{6}$	-4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{1}{2}$
4	$0, \frac{11}{30}$	4	$\frac{2}{5}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{11}{30}$	4	$\frac{2}{5}, \frac{1}{2}$
2	$\frac{1}{30}, \frac{1}{10}$	-2	$\frac{13}{30}, \frac{1}{2}$	-4	$0, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	2	$0, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
2	$\frac{1}{6}, \frac{7}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$	$\frac{4}{3}$	$\frac{1}{5}, \frac{7}{30}$	$\frac{-8}{3}$	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{1}{10}, \frac{3}{10}$	-4	$\frac{13}{30}, \frac{1}{2}$	2	$\frac{3}{10}, \frac{11}{30}$	-2	$\frac{13}{30}, \frac{1}{2}$
-4	$\frac{1}{10}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$	4	$\frac{3}{10}, \frac{2}{5}$	-4	$\frac{13}{30}, \frac{1}{2}$
-2	$\frac{7}{30}, \frac{13}{30}$	-4	$\frac{13}{30}, \frac{1}{2}$				
$ D \equiv 113 \pmod{120}$							
12	$0, \frac{1}{15}$	4	$\frac{1}{15}, \frac{1}{10}$	4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{1}{5}$
4	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{2}{15}, \frac{1}{5}$	4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{1}{5}$
4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{7}{30}$	4	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{2}{15}, \frac{7}{30}$
4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{7}{30}$	4	$0, \frac{1}{10}$	8	$\frac{1}{10}, \frac{4}{15}$
4	$\frac{1}{15}, \frac{1}{10}$	12	$\frac{1}{10}, \frac{4}{15}$	4	$0, \frac{2}{15}$	4	$\frac{7}{30}, \frac{4}{15}$
4	$0, \frac{2}{15}$	-4	$\frac{2}{15}, \frac{3}{10}$	4	$\frac{1}{10}, \frac{1}{6}$	-8	$\frac{4}{15}, \frac{1}{3}$
4	$0, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{11}{30}$	-4	$0, \frac{1}{10}$	-8	$\frac{2}{15}, \frac{11}{30}$
-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{2}{15}, \frac{11}{30}$	8	$0, \frac{1}{15}$	-4	$\frac{1}{5}, \frac{11}{30}$
-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{1}{5}, \frac{11}{30}$	8	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{1}{5}, \frac{11}{30}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{11}{30}$	8	$0, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{11}{30}$
-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{7}{30}, \frac{11}{30}$	8	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{7}{30}, \frac{11}{30}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{7}{30}, \frac{11}{30}$
4	$\frac{1}{10}, \frac{2}{15}$	-4	$\frac{4}{15}, \frac{11}{30}$	8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{5}, \frac{2}{5}$
8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{2}{5}$	8	$0, \frac{2}{15}$	4	$\frac{7}{30}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{2}{5}$
4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{1}{15}, \frac{13}{30}$	-4	$\frac{1}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{13}{30}$
-4	$\frac{1}{15}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{13}{30}$	8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
8	$0, \frac{2}{15}$	4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$
8	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{13}{30}$	-8	$\frac{2}{15}, \frac{3}{10}$	-4	$\frac{11}{30}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{11}{30}$	-4	$\frac{11}{30}, \frac{13}{30}$	8	$0, \frac{1}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$
-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{1}{30}, \frac{2}{15}$	4	$\frac{2}{5}, \frac{13}{30}$
-8	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{2}{5}, \frac{13}{30}$	-8	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{2}{5}, \frac{13}{30}$
8	$0, \frac{4}{15}$	4	$\frac{2}{5}, \frac{13}{30}$	8	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{2}{5}, \frac{13}{30}$
-8	$\frac{2}{15}, \frac{11}{30}$	4	$\frac{2}{5}, \frac{13}{30}$	-4	$0, \frac{1}{10}$	-8	$\frac{1}{5}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{1}{5}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{1}{5}, \frac{7}{15}$
4	$0, \frac{1}{15}$	-4	$\frac{7}{30}, \frac{7}{15}$	-4	$0, \frac{1}{10}$	-8	$\frac{7}{30}, \frac{7}{15}$
-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{7}{30}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{7}{30}, \frac{7}{15}$

Table 10: $e = 15$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{7}{30}, \frac{7}{15}$	-4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{7}{30}, \frac{7}{15}$
4	$0, \frac{1}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$	4	$\frac{1}{10}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{7}{15}$
4	$\frac{1}{10}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{3}{10}, \frac{7}{15}$
4	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{7}{15}$	4	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{7}{15}$
-4	$0, \frac{3}{10}$	-8	$\frac{3}{10}, \frac{7}{15}$	4	$\frac{1}{6}, \frac{3}{10}$	-8	$\frac{1}{3}, \frac{7}{15}$
4	$0, \frac{1}{10}$	-8	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{2}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$	4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$	4	$0, \frac{4}{15}$	-4	$\frac{11}{30}, \frac{7}{15}$
4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{11}{30}, \frac{7}{15}$	-4	$\frac{1}{5}, \frac{11}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$
-4	$\frac{7}{30}, \frac{11}{30}$	-8	$\frac{11}{30}, \frac{7}{15}$	8	$0, \frac{1}{15}$	-4	$\frac{1}{10}, \frac{1}{2}$
-8	$\frac{1}{15}, \frac{1}{10}$	-12	$\frac{1}{10}, \frac{1}{2}$	4	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{2}{15}, \frac{1}{2}$
4	$0, \frac{1}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$0, \frac{1}{10}$	-8	$\frac{4}{15}, \frac{1}{2}$
-2	$\frac{1}{15}, \frac{1}{10}$	-6	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{30}, \frac{1}{5}$	-8	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{1}{5}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{30}, \frac{7}{30}$	-8	$\frac{4}{15}, \frac{1}{2}$
-4	$\frac{2}{15}, \frac{7}{30}$	-4	$\frac{4}{15}, \frac{1}{2}$	-4	$\frac{1}{15}, \frac{4}{15}$	-8	$\frac{4}{15}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{4}{15}$	-4	$\frac{4}{15}, \frac{1}{2}$	8	$\frac{1}{30}, \frac{1}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$
8	$0, \frac{2}{15}$	4	$\frac{3}{10}, \frac{1}{2}$	8	$\frac{1}{5}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$
8	$\frac{7}{30}, \frac{4}{15}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{2}{15}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{2}$
4	$0, \frac{2}{15}$	4	$\frac{7}{15}, \frac{1}{2}$	4	$0, \frac{3}{10}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{2}{5}$	8	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{7}{30}, \frac{2}{5}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{4}{15}, \frac{2}{5}$	4	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{1}{30}, \frac{13}{30}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{1}{15}, \frac{13}{30}$	4	$\frac{7}{15}, \frac{1}{2}$	-4	$\frac{11}{30}, \frac{13}{30}$	8	$\frac{7}{15}, \frac{1}{2}$
-4	$\frac{3}{10}, \frac{7}{15}$	4	$\frac{7}{15}, \frac{1}{2}$				

For the case $e = 20$ there were 165 formulae, given below.

Table 11: Two Term Dirichlet Type Formulae, $e = 20$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 1 \pmod{40}$							
4	$0, \frac{1}{20}$	-4	$\frac{1}{20}, \frac{1}{10}$	4	$0, \frac{1}{20}$	-4	$\frac{3}{20}, \frac{1}{5}$
4	$0, \frac{1}{10}$	-8	$\frac{3}{20}, \frac{1}{5}$	4	$0, \frac{3}{20}$	-4	$\frac{3}{20}, \frac{3}{10}$
8	$0, \frac{3}{20}$	4	$\frac{3}{20}, \frac{7}{20}$	6	$0, \frac{3}{20}$	2	$\frac{3}{10}, \frac{7}{20}$

Table 11: $e = 20$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-12	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{7}{20}$	12	$0, \frac{3}{10}$	8	$\frac{3}{10}, \frac{7}{20}$
-12	$\frac{3}{20}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{7}{20}$	8	$0, \frac{3}{20}$	4	$\frac{1}{5}, \frac{2}{5}$
-8	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{2}{5}$	4	$0, \frac{1}{20}$	-4	$\frac{7}{20}, \frac{2}{5}$
4	$0, \frac{1}{10}$	-8	$\frac{7}{20}, \frac{2}{5}$	8	$0, \frac{1}{20}$	4	$\frac{1}{20}, \frac{9}{20}$
6	$0, \frac{1}{20}$	2	$\frac{1}{10}, \frac{9}{20}$	12	$0, \frac{1}{10}$	8	$\frac{1}{10}, \frac{9}{20}$
-12	$\frac{1}{20}, \frac{1}{10}$	-4	$\frac{1}{10}, \frac{9}{20}$	8	$0, \frac{1}{20}$	4	$\frac{1}{10}, \frac{1}{2}$
-8	$\frac{1}{20}, \frac{1}{10}$	-4	$\frac{1}{10}, \frac{1}{2}$	8	$0, \frac{3}{20}$	4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{3}{20}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{2}$
4	$0, \frac{3}{20}$	-4	$\frac{7}{20}, \frac{1}{2}$	4	$0, \frac{3}{10}$	-8	$\frac{7}{20}, \frac{1}{2}$
-4	$\frac{3}{20}, \frac{7}{20}$	-8	$\frac{7}{20}, \frac{1}{2}$	-4	$\frac{3}{10}, \frac{7}{20}$	-12	$\frac{7}{20}, \frac{1}{2}$
4	$0, \frac{1}{20}$	-4	$\frac{9}{20}, \frac{1}{2}$	4	$0, \frac{1}{10}$	-8	$\frac{9}{20}, \frac{1}{2}$
-4	$\frac{1}{20}, \frac{9}{20}$	-8	$\frac{9}{20}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{9}{20}$	-12	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 9 \pmod{40}$							
4	$0, \frac{1}{20}$	-4	$\frac{1}{20}, \frac{1}{10}$	4	$0, \frac{1}{20}$	-4	$\frac{3}{20}, \frac{1}{5}$
4	$0, \frac{1}{10}$	-8	$\frac{3}{20}, \frac{1}{5}$	4	$0, \frac{3}{20}$	-4	$\frac{3}{20}, \frac{3}{10}$
8	$0, \frac{3}{20}$	4	$\frac{3}{20}, \frac{7}{20}$	6	$0, \frac{3}{20}$	2	$\frac{3}{10}, \frac{7}{20}$
-12	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{7}{20}$	12	$0, \frac{3}{10}$	8	$\frac{3}{10}, \frac{7}{20}$
-12	$\frac{3}{20}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{7}{20}$	8	$0, \frac{3}{20}$	4	$\frac{1}{5}, \frac{2}{5}$
-8	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{1}{5}, \frac{2}{5}$	4	$0, \frac{1}{20}$	-4	$\frac{7}{20}, \frac{2}{5}$
4	$0, \frac{1}{10}$	-8	$\frac{7}{20}, \frac{2}{5}$	8	$0, \frac{1}{20}$	4	$\frac{1}{20}, \frac{9}{20}$
6	$0, \frac{1}{20}$	2	$\frac{1}{10}, \frac{9}{20}$	12	$0, \frac{1}{10}$	8	$\frac{1}{10}, \frac{9}{20}$
-12	$\frac{1}{20}, \frac{1}{10}$	-4	$\frac{1}{10}, \frac{9}{20}$	8	$0, \frac{1}{20}$	4	$\frac{1}{10}, \frac{1}{2}$
-8	$\frac{1}{20}, \frac{1}{10}$	-4	$\frac{1}{10}, \frac{1}{2}$	8	$0, \frac{3}{20}$	4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{3}{20}, \frac{3}{10}$	-4	$\frac{3}{10}, \frac{1}{2}$
4	$0, \frac{3}{20}$	-4	$\frac{7}{20}, \frac{1}{2}$	4	$0, \frac{3}{10}$	-8	$\frac{7}{20}, \frac{1}{2}$
-4	$\frac{3}{20}, \frac{7}{20}$	-8	$\frac{7}{20}, \frac{1}{2}$	-4	$\frac{3}{10}, \frac{7}{20}$	-12	$\frac{7}{20}, \frac{1}{2}$
4	$0, \frac{1}{20}$	-4	$\frac{9}{20}, \frac{1}{2}$	4	$0, \frac{1}{10}$	-8	$\frac{9}{20}, \frac{1}{2}$
-4	$\frac{1}{20}, \frac{9}{20}$	-8	$\frac{9}{20}, \frac{1}{2}$	-4	$\frac{1}{10}, \frac{9}{20}$	-12	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 13 \pmod{40}$							
8	$0, \frac{3}{20}$	4	$\frac{1}{4}, \frac{3}{10}$	4	$0, \frac{1}{20}$	4	$\frac{1}{5}, \frac{7}{20}$
4	$0, \frac{3}{20}$	4	$\frac{1}{4}, \frac{7}{20}$	4	$\frac{1}{4}, \frac{3}{10}$	8	$\frac{3}{10}, \frac{7}{20}$
-4	$\frac{1}{10}, \frac{1}{4}$	-8	$\frac{7}{20}, \frac{2}{5}$	4	$0, \frac{7}{20}$	4	$\frac{2}{5}, \frac{9}{20}$

Table 11: $e = 20$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{7}{20}, \frac{1}{2}$	-4	$\frac{3}{20}, \frac{1}{4}$	-4	$\frac{7}{20}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{1}{4}$	-8	$\frac{9}{20}, \frac{1}{2}$	-4	$\frac{7}{20}, \frac{2}{5}$	-4	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 17 \pmod{40}$							
4	$0, \frac{1}{20}$	-4	$\frac{3}{20}, \frac{1}{5}$	4	$0, \frac{3}{20}$	4	$\frac{1}{4}, \frac{7}{20}$
4	$0, \frac{1}{20}$	-4	$\frac{7}{20}, \frac{2}{5}$	-4	$\frac{1}{10}, \frac{1}{4}$	-8	$\frac{7}{20}, \frac{2}{5}$
-4	$\frac{3}{20}, \frac{1}{4}$	-4	$\frac{7}{20}, \frac{1}{2}$	4	$\frac{1}{4}, \frac{3}{10}$	-8	$\frac{7}{20}, \frac{1}{2}$
$ D \equiv 21 \pmod{40}$							
12	$0, \frac{1}{20}$	4	$\frac{1}{20}, \frac{1}{10}$	12	$0, \frac{3}{20}$	4	$\frac{3}{20}, \frac{3}{10}$
8	$0, \frac{3}{20}$	4	$\frac{3}{20}, \frac{7}{20}$	4	$0, \frac{1}{20}$	4	$\frac{1}{5}, \frac{7}{20}$
-4	$0, \frac{1}{10}$	8	$\frac{1}{5}, \frac{7}{20}$	-2	$\frac{1}{20}, \frac{1}{10}$	6	$\frac{1}{5}, \frac{7}{20}$
4	$0, \frac{3}{10}$	8	$\frac{3}{10}, \frac{7}{20}$	4	$\frac{3}{20}, \frac{3}{10}$	12	$\frac{3}{10}, \frac{7}{20}$
8	$0, \frac{1}{20}$	4	$\frac{1}{5}, \frac{2}{5}$	-8	$\frac{1}{20}, \frac{1}{10}$	12	$\frac{1}{5}, \frac{2}{5}$
4	$0, \frac{1}{10}$	-8	$\frac{7}{20}, \frac{2}{5}$	4	$\frac{1}{20}, \frac{1}{10}$	-12	$\frac{7}{20}, \frac{2}{5}$
4	$\frac{1}{5}, \frac{7}{20}$	-4	$\frac{7}{20}, \frac{2}{5}$	8	$0, \frac{1}{20}$	4	$\frac{1}{20}, \frac{9}{20}$
4	$0, \frac{1}{10}$	8	$\frac{1}{10}, \frac{9}{20}$	4	$\frac{1}{20}, \frac{1}{10}$	12	$\frac{1}{10}, \frac{9}{20}$
4	$0, \frac{3}{10}$	8	$\frac{2}{5}, \frac{9}{20}$	4	$\frac{3}{20}, \frac{3}{10}$	12	$\frac{2}{5}, \frac{9}{20}$
4	$0, \frac{7}{20}$	4	$\frac{2}{5}, \frac{9}{20}$	4	$\frac{3}{20}, \frac{7}{20}$	8	$\frac{2}{5}, \frac{9}{20}$
8	$0, \frac{1}{20}$	-4	$\frac{1}{10}, \frac{1}{2}$	-8	$\frac{1}{20}, \frac{1}{10}$	-12	$\frac{1}{10}, \frac{1}{2}$
8	$0, \frac{3}{20}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{3}{20}, \frac{3}{10}$	-12	$\frac{3}{10}, \frac{1}{2}$	4	$0, \frac{3}{20}$	-4	$\frac{7}{20}, \frac{1}{2}$
-4	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{7}{20}, \frac{1}{2}$	-4	$0, \frac{3}{10}$	-8	$\frac{7}{20}, \frac{1}{2}$
-2	$\frac{3}{20}, \frac{3}{10}$	-6	$\frac{7}{20}, \frac{1}{2}$	-4	$\frac{3}{20}, \frac{7}{20}$	-8	$\frac{7}{20}, \frac{1}{2}$
4	$\frac{3}{10}, \frac{7}{20}$	-4	$\frac{7}{20}, \frac{1}{2}$	4	$0, \frac{1}{20}$	-4	$\frac{9}{20}, \frac{1}{2}$
-4	$0, \frac{1}{10}$	-8	$\frac{9}{20}, \frac{1}{2}$	-2	$\frac{1}{20}, \frac{1}{10}$	-6	$\frac{9}{20}, \frac{1}{2}$
-4	$\frac{1}{5}, \frac{2}{5}$	-8	$\frac{9}{20}, \frac{1}{2}$	-4	$\frac{7}{20}, \frac{2}{5}$	-4	$\frac{9}{20}, \frac{1}{2}$
-4	$\frac{1}{20}, \frac{9}{20}$	-8	$\frac{9}{20}, \frac{1}{2}$	4	$\frac{1}{10}, \frac{9}{20}$	-4	$\frac{9}{20}, \frac{1}{2}$
$ D \equiv 29 \pmod{40}$							
12	$0, \frac{1}{20}$	4	$\frac{1}{20}, \frac{1}{10}$	12	$0, \frac{3}{20}$	4	$\frac{3}{20}, \frac{3}{10}$
8	$0, \frac{3}{20}$	4	$\frac{3}{20}, \frac{7}{20}$	4	$0, \frac{1}{20}$	4	$\frac{1}{5}, \frac{7}{20}$
-4	$0, \frac{1}{10}$	8	$\frac{1}{5}, \frac{7}{20}$	-2	$\frac{1}{20}, \frac{1}{10}$	6	$\frac{1}{5}, \frac{7}{20}$
4	$0, \frac{3}{10}$	8	$\frac{3}{10}, \frac{7}{20}$	4	$\frac{3}{20}, \frac{3}{10}$	12	$\frac{3}{10}, \frac{7}{20}$
-8	$\frac{1}{20}, \frac{1}{10}$	12	$\frac{1}{5}, \frac{2}{5}$	4	$\frac{1}{20}, \frac{1}{10}$	-12	$\frac{7}{20}, \frac{2}{5}$

Table 11: $e = 20$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{5}, \frac{7}{20}$	-4	$\frac{7}{20}, \frac{2}{5}$	4	$\frac{1}{20}, \frac{1}{10}$	12	$\frac{1}{10}, \frac{9}{20}$
4	$0, \frac{3}{10}$	8	$\frac{2}{5}, \frac{9}{20}$	4	$\frac{3}{20}, \frac{3}{10}$	12	$\frac{2}{5}, \frac{9}{20}$
4	$0, \frac{7}{20}$	4	$\frac{2}{5}, \frac{9}{20}$	4	$\frac{3}{20}, \frac{7}{20}$	8	$\frac{2}{5}, \frac{9}{20}$
-8	$\frac{1}{20}, \frac{1}{10}$	-12	$\frac{1}{10}, \frac{1}{2}$	8	$0, \frac{3}{20}$	-4	$\frac{3}{10}, \frac{1}{2}$
-8	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{3}{10}, \frac{1}{2}$	-8	$\frac{3}{20}, \frac{3}{10}$	-12	$\frac{3}{10}, \frac{1}{2}$
4	$0, \frac{3}{20}$	-4	$\frac{7}{20}, \frac{1}{2}$	-4	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{7}{20}, \frac{1}{2}$
-4	$0, \frac{3}{10}$	-8	$\frac{7}{20}, \frac{1}{2}$	-2	$\frac{3}{20}, \frac{3}{10}$	-6	$\frac{7}{20}, \frac{1}{2}$
-4	$\frac{3}{20}, \frac{7}{20}$	-8	$\frac{7}{20}, \frac{1}{2}$	4	$\frac{3}{10}, \frac{7}{20}$	-4	$\frac{7}{20}, \frac{1}{2}$
4	$0, \frac{1}{20}$	-4	$\frac{9}{20}, \frac{1}{2}$	-4	$0, \frac{1}{10}$	-8	$\frac{9}{20}, \frac{1}{2}$
-2	$\frac{1}{20}, \frac{1}{10}$	-6	$\frac{9}{20}, \frac{1}{2}$	-4	$\frac{1}{5}, \frac{2}{5}$	-8	$\frac{9}{20}, \frac{1}{2}$
-4	$\frac{7}{20}, \frac{2}{5}$	-4	$\frac{9}{20}, \frac{1}{2}$	-4	$\frac{1}{20}, \frac{9}{20}$	-8	$\frac{9}{20}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{9}{20}$	-4	$\frac{9}{20}, \frac{1}{2}$				
$ D \equiv 33 \pmod{40}$							
4	$0, \frac{1}{20}$	-4	$\frac{3}{20}, \frac{1}{5}$	8	$0, \frac{1}{20}$	4	$\frac{1}{10}, \frac{1}{4}$
-8	$\frac{3}{20}, \frac{1}{4}$	-4	$\frac{1}{4}, \frac{3}{10}$	4	$0, \frac{3}{20}$	4	$\frac{1}{4}, \frac{7}{20}$
4	$0, \frac{1}{20}$	-4	$\frac{7}{20}, \frac{2}{5}$	-4	$\frac{1}{10}, \frac{1}{4}$	-8	$\frac{7}{20}, \frac{2}{5}$
-4	$\frac{3}{20}, \frac{1}{4}$	-4	$\frac{7}{20}, \frac{1}{2}$	4	$\frac{1}{4}, \frac{3}{10}$	-8	$\frac{7}{20}, \frac{1}{2}$
$ D \equiv 37 \pmod{40}$							
8	$0, \frac{3}{20}$	4	$\frac{1}{4}, \frac{3}{10}$	4	$0, \frac{1}{20}$	4	$\frac{1}{5}, \frac{7}{20}$
4	$0, \frac{3}{20}$	4	$\frac{1}{4}, \frac{7}{20}$	4	$\frac{1}{4}, \frac{3}{10}$	8	$\frac{3}{10}, \frac{7}{20}$
-4	$\frac{1}{10}, \frac{1}{4}$	-8	$\frac{7}{20}, \frac{2}{5}$	4	$0, \frac{7}{20}$	4	$\frac{2}{5}, \frac{9}{20}$
-4	$\frac{1}{20}, \frac{1}{5}$	-4	$\frac{7}{20}, \frac{1}{2}$	-4	$\frac{3}{20}, \frac{1}{4}$	-4	$\frac{7}{20}, \frac{1}{2}$
4	$\frac{1}{10}, \frac{1}{4}$	-8	$\frac{9}{20}, \frac{1}{2}$	-4	$\frac{7}{20}, \frac{2}{5}$	-4	$\frac{9}{20}, \frac{1}{2}$

For the case $e = 24$ there were 468 formulae, given below.

Table 12: Two Term Dirichlet Type Formulae, $e = 24$

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
$ D \equiv 1 \pmod{24}$							
4	$0, \frac{1}{24}$	-4	$\frac{1}{24}, \frac{1}{12}$	4	$0, \frac{1}{24}$	-4	$\frac{5}{24}, \frac{1}{4}$
4	$0, \frac{1}{12}$	-8	$\frac{5}{24}, \frac{1}{4}$	8	$0, \frac{5}{24}$	4	$\frac{5}{24}, \frac{7}{24}$

Table 12: $e = 24$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
8	$0, \frac{5}{24}$	4	$\frac{1}{4}, \frac{1}{3}$	-8	$\frac{1}{24}, \frac{1}{4}$	-4	$\frac{1}{4}, \frac{1}{3}$
4	$0, \frac{1}{24}$	-4	$\frac{7}{24}, \frac{1}{3}$	4	$0, \frac{1}{12}$	-8	$\frac{7}{24}, \frac{1}{3}$
-8	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{5}{12}$	-4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{5}{24}, \frac{5}{12}$
4	$0, \frac{5}{24}$	-4	$\frac{5}{24}, \frac{5}{12}$	-12	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{7}{24}, \frac{5}{12}$
6	$0, \frac{5}{24}$	-2	$\frac{7}{24}, \frac{5}{12}$	-12	$\frac{1}{24}, \frac{1}{4}$	4	$\frac{7}{24}, \frac{5}{12}$
12	$0, \frac{7}{24}$	4	$\frac{7}{24}, \frac{5}{12}$	-12	$\frac{5}{24}, \frac{7}{24}$	-8	$\frac{7}{24}, \frac{5}{12}$
8	$0, \frac{1}{24}$	4	$\frac{1}{24}, \frac{11}{24}$	6	$0, \frac{1}{24}$	2	$\frac{1}{12}, \frac{11}{24}$
12	$0, \frac{1}{12}$	8	$\frac{1}{12}, \frac{11}{24}$	-12	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{1}{12}, \frac{11}{24}$
8	$0, \frac{1}{24}$	4	$\frac{1}{12}, \frac{1}{2}$	-8	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{1}{12}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{5}{24}, \frac{1}{2}$	-4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{7}{24}, \frac{1}{2}$
4	$0, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{1}{2}$	-4	$\frac{5}{24}, \frac{7}{24}$	-8	$\frac{7}{24}, \frac{1}{2}$
8	$0, \frac{5}{24}$	4	$\frac{5}{12}, \frac{1}{2}$	-8	$\frac{1}{24}, \frac{1}{4}$	-4	$\frac{5}{12}, \frac{1}{2}$
8	$0, \frac{7}{24}$	-4	$\frac{5}{12}, \frac{1}{2}$	-8	$\frac{1}{24}, \frac{1}{3}$	4	$\frac{5}{12}, \frac{1}{2}$
-8	$\frac{5}{24}, \frac{5}{12}$	-4	$\frac{5}{12}, \frac{1}{2}$	-8	$\frac{7}{24}, \frac{5}{12}$	-12	$\frac{5}{12}, \frac{1}{2}$
4	$0, \frac{1}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	4	$0, \frac{1}{12}$	-8	$\frac{11}{24}, \frac{1}{2}$
-4	$\frac{1}{24}, \frac{11}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$	-4	$\frac{1}{12}, \frac{11}{24}$	-12	$\frac{11}{24}, \frac{1}{2}$
$ D \equiv 5 \pmod{24}$							
8	$0, \frac{1}{24}$	4	$\frac{1}{24}, \frac{5}{24}$	4	$0, \frac{1}{24}$	4	$\frac{1}{12}, \frac{5}{24}$
-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{12}, \frac{5}{24}$	4	$0, \frac{1}{24}$	4	$\frac{1}{6}, \frac{5}{24}$
-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{5}{24}$
8	$0, \frac{1}{24}$	4	$\frac{1}{24}, \frac{7}{24}$	4	$0, \frac{1}{24}$	4	$\frac{1}{12}, \frac{7}{24}$
-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{12}, \frac{7}{24}$	4	$0, \frac{1}{24}$	4	$\frac{1}{6}, \frac{7}{24}$
-4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{6}, \frac{7}{24}$	-4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{7}{24}$
4	$\frac{1}{8}, \frac{5}{24}$	-4	$\frac{5}{24}, \frac{3}{8}$	4	$\frac{1}{8}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{3}{8}$
4	$0, \frac{1}{4}$	-8	$\frac{7}{24}, \frac{3}{8}$	4	$\frac{1}{12}, \frac{1}{4}$	-8	$\frac{7}{24}, \frac{3}{8}$
4	$\frac{1}{6}, \frac{1}{4}$	-8	$\frac{7}{24}, \frac{3}{8}$	4	$\frac{1}{8}, \frac{7}{24}$	-4	$\frac{7}{24}, \frac{3}{8}$
4	$0, \frac{1}{24}$	-4	$\frac{5}{24}, \frac{5}{12}$	-4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{5}{24}, \frac{5}{12}$
-4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{5}{24}, \frac{5}{12}$	-4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{5}{24}, \frac{5}{12}$
8	$\frac{1}{8}, \frac{5}{24}$	4	$\frac{1}{4}, \frac{5}{12}$	4	$0, \frac{1}{24}$	-4	$\frac{7}{24}, \frac{5}{12}$
-4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{7}{24}, \frac{5}{12}$	-4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{7}{24}, \frac{5}{12}$
-4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{7}{24}, \frac{5}{12}$	-4	$\frac{1}{24}, \frac{7}{24}$	-8	$\frac{7}{24}, \frac{5}{12}$
8	$0, \frac{1}{24}$	-4	$\frac{5}{24}, \frac{11}{24}$	-8	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{5}{24}, \frac{11}{24}$

Table 12: $e = 24$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-8	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{5}{24}, \frac{11}{24}$	8	$0, \frac{5}{24}$	4	$\frac{5}{24}, \frac{11}{24}$
8	$\frac{1}{12}, \frac{5}{24}$	4	$\frac{5}{24}, \frac{11}{24}$	8	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{5}{24}, \frac{11}{24}$
8	$0, \frac{1}{24}$	-4	$\frac{7}{24}, \frac{11}{24}$	-8	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{7}{24}, \frac{11}{24}$
-8	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{7}{24}, \frac{11}{24}$	8	$0, \frac{5}{24}$	4	$\frac{7}{24}, \frac{11}{24}$
8	$\frac{1}{12}, \frac{5}{24}$	4	$\frac{7}{24}, \frac{11}{24}$	8	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{7}{24}, \frac{11}{24}$
8	$0, \frac{7}{24}$	4	$\frac{7}{24}, \frac{11}{24}$	8	$\frac{1}{12}, \frac{7}{24}$	4	$\frac{7}{24}, \frac{11}{24}$
8	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{7}{24}, \frac{11}{24}$	4	$0, \frac{5}{24}$	4	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{5}{12}, \frac{11}{24}$	4	$\frac{1}{12}, \frac{5}{24}$	4	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{5}{12}, \frac{11}{24}$	4	$0, \frac{7}{24}$	4	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{7}{24}$	8	$\frac{5}{12}, \frac{11}{24}$	4	$\frac{1}{12}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{11}{24}$	-4	$\frac{5}{24}, \frac{5}{12}$	4	$\frac{5}{12}, \frac{11}{24}$
-4	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{5}{12}, \frac{11}{24}$	4	$0, \frac{1}{24}$	-4	$\frac{5}{24}, \frac{1}{2}$
-4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{5}{24}, \frac{1}{2}$	-4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{5}{24}, \frac{1}{2}$
-4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{5}{24}, \frac{1}{2}$	8	$\frac{1}{8}, \frac{5}{24}$	4	$\frac{1}{4}, \frac{1}{2}$
4	$0, \frac{1}{24}$	-4	$\frac{7}{24}, \frac{1}{2}$	-4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{7}{24}, \frac{1}{2}$
-4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{7}{24}, \frac{1}{2}$	-4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{7}{24}, \frac{1}{2}$
-4	$\frac{1}{24}, \frac{7}{24}$	-8	$\frac{7}{24}, \frac{1}{2}$	4	$0, \frac{5}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{5}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	4	$0, \frac{7}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{24}, \frac{7}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{7}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{7}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	-4	$\frac{5}{24}, \frac{5}{12}$	-4	$\frac{11}{24}, \frac{1}{2}$
-4	$\frac{7}{24}, \frac{5}{12}$	-4	$\frac{11}{24}, \frac{1}{2}$	-4	$\frac{5}{24}, \frac{11}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$
-4	$\frac{7}{24}, \frac{11}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$				
$ D \equiv 7 \pmod{24}$							
8	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{12}, \frac{1}{6}$	4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{5}{24}$
4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{1}{6}, \frac{5}{24}$	8	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{12}, \frac{1}{4}$
4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{1}{4}$	4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{5}{24}, \frac{1}{4}$
4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{5}{24}, \frac{1}{4}$	6	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{1}{12}, \frac{7}{24}$
4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{6}, \frac{7}{24}$	-4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{1}{6}, \frac{7}{24}$
4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{4}, \frac{7}{24}$	-4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{1}{4}, \frac{7}{24}$
-4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{1}{4}, \frac{7}{24}$	-2	$\frac{1}{12}, \frac{5}{24}$	6	$\frac{1}{4}, \frac{7}{24}$
-4	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{1}{4}, \frac{7}{24}$	-4	$\frac{1}{12}, \frac{1}{4}$	8	$\frac{1}{4}, \frac{7}{24}$

Table 12: $e = 24$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$0, \frac{1}{24}$	4	$\frac{5}{24}, \frac{1}{3}$	4	$\frac{1}{24}, \frac{1}{8}$	4	$\frac{5}{24}, \frac{3}{8}$
8	$\frac{1}{24}, \frac{1}{12}$	2	$\frac{1}{12}, \frac{5}{12}$	8	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{6}, \frac{5}{12}$
8	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{5}{24}, \frac{5}{12}$
-4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{5}{24}, \frac{5}{12}$	-4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{5}{24}, \frac{5}{12}$
-2	$\frac{1}{12}, \frac{5}{24}$	6	$\frac{5}{24}, \frac{5}{12}$	-4	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{5}{24}, \frac{5}{12}$
8	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{4}, \frac{5}{12}$	8	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{4}, \frac{5}{12}$
-8	$\frac{1}{12}, \frac{5}{24}$	12	$\frac{1}{4}, \frac{5}{12}$	-8	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{1}{4}, \frac{5}{12}$
8	$\frac{1}{24}, \frac{1}{4}$	-4	$\frac{1}{4}, \frac{5}{12}$	8	$\frac{5}{24}, \frac{1}{4}$	4	$\frac{1}{4}, \frac{5}{12}$
4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{7}{24}, \frac{5}{12}$
4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{1}{4}$	-4	$\frac{7}{24}, \frac{5}{12}$
4	$\frac{1}{12}, \frac{1}{4}$	-8	$\frac{7}{24}, \frac{5}{12}$	2	$\frac{1}{24}, \frac{7}{24}$	-4	$\frac{7}{24}, \frac{5}{12}$
2	$\frac{1}{12}, \frac{7}{24}$	-6	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{1}{6}, \frac{7}{24}$	-4	$\frac{7}{24}, \frac{5}{12}$
4	$\frac{1}{4}, \frac{7}{24}$	-4	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{1}{6}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{6}$	2	$\frac{5}{24}, \frac{11}{24}$	4	$\frac{1}{12}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{1}{4}, \frac{11}{24}$	4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{1}{4}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{1}{4}, \frac{11}{24}$	4	$\frac{1}{12}, \frac{1}{4}$	8	$\frac{1}{4}, \frac{11}{24}$
8	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{7}{24}, \frac{11}{24}$	8	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{7}{24}, \frac{11}{24}$
-8	$\frac{1}{12}, \frac{5}{24}$	-12	$\frac{7}{24}, \frac{11}{24}$	-8	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{11}{24}$
8	$\frac{1}{24}, \frac{1}{4}$	4	$\frac{7}{24}, \frac{11}{24}$	8	$\frac{5}{24}, \frac{1}{4}$	-4	$\frac{7}{24}, \frac{11}{24}$
8	$\frac{1}{12}, \frac{7}{24}$	12	$\frac{7}{24}, \frac{11}{24}$	8	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{7}{24}, \frac{11}{24}$
8	$\frac{1}{4}, \frac{7}{24}$	4	$\frac{7}{24}, \frac{11}{24}$	4	$0, \frac{7}{24}$	4	$\frac{1}{3}, \frac{11}{24}$
4	$\frac{1}{8}, \frac{7}{24}$	4	$\frac{3}{8}, \frac{11}{24}$	6	$\frac{1}{24}, \frac{1}{6}$	2	$\frac{5}{12}, \frac{11}{24}$
12	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{5}{12}, \frac{11}{24}$	12	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{5}{12}, \frac{11}{24}$
6	$\frac{1}{24}, \frac{1}{4}$	2	$\frac{5}{12}, \frac{11}{24}$	12	$\frac{1}{12}, \frac{1}{4}$	8	$\frac{5}{12}, \frac{11}{24}$
3	$\frac{1}{24}, \frac{7}{24}$	2	$\frac{5}{12}, \frac{11}{24}$	4	$\frac{1}{12}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{11}{24}$
6	$\frac{1}{6}, \frac{7}{24}$	2	$\frac{5}{12}, \frac{11}{24}$	6	$\frac{1}{4}, \frac{7}{24}$	2	$\frac{5}{12}, \frac{11}{24}$
6	$\frac{1}{12}, \frac{5}{12}$	8	$\frac{5}{12}, \frac{11}{24}$	12	$\frac{1}{6}, \frac{5}{12}$	8	$\frac{5}{12}, \frac{11}{24}$
6	$\frac{5}{24}, \frac{5}{12}$	2	$\frac{5}{12}, \frac{11}{24}$	12	$\frac{1}{4}, \frac{5}{12}$	8	$\frac{5}{12}, \frac{11}{24}$
8	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{12}, \frac{1}{2}$	4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{5}{24}, \frac{1}{2}$	4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{5}{24}, \frac{1}{2}$
4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{7}{24}, \frac{1}{2}$	-4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{7}{24}, \frac{1}{2}$
-4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{7}{24}, \frac{1}{2}$	-2	$\frac{1}{12}, \frac{5}{24}$	-6	$\frac{7}{24}, \frac{1}{2}$

Table 12: $e = 24$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
-4	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{1}{2}$	-4	$\frac{1}{12}, \frac{1}{4}$	-8	$\frac{7}{24}, \frac{1}{2}$
4	$\frac{5}{24}, \frac{1}{4}$	-4	$\frac{7}{24}, \frac{1}{2}$	-4	$\frac{1}{12}, \frac{7}{24}$	-12	$\frac{7}{24}, \frac{1}{2}$
8	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{5}{12}, \frac{1}{2}$	8	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{5}{12}, \frac{1}{2}$
-8	$\frac{1}{12}, \frac{5}{24}$	-12	$\frac{5}{12}, \frac{1}{2}$	-8	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{5}{12}, \frac{1}{2}$
8	$\frac{1}{24}, \frac{1}{4}$	4	$\frac{5}{12}, \frac{1}{2}$	8	$\frac{5}{24}, \frac{1}{4}$	-4	$\frac{5}{12}, \frac{1}{2}$
4	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{1}{2}$	8	$\frac{1}{12}, \frac{7}{24}$	12	$\frac{5}{12}, \frac{1}{2}$
8	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{1}{2}$	8	$\frac{1}{4}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{1}{2}$
8	$\frac{1}{24}, \frac{5}{12}$	12	$\frac{5}{12}, \frac{1}{2}$	8	$\frac{5}{24}, \frac{5}{12}$	4	$\frac{5}{12}, \frac{1}{2}$
-8	$\frac{7}{24}, \frac{5}{12}$	-4	$\frac{5}{12}, \frac{1}{2}$	4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{24}, \frac{1}{4}$	-4	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{1}{4}$	-8	$\frac{11}{24}, \frac{1}{2}$
2	$\frac{1}{24}, \frac{7}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	2	$\frac{1}{12}, \frac{7}{24}$	-6	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{7}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{4}, \frac{7}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$
2	$\frac{1}{24}, \frac{5}{12}$	-6	$\frac{11}{24}, \frac{1}{2}$	2	$\frac{1}{12}, \frac{5}{12}$	-8	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{5}{12}$	-8	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{5}{24}, \frac{5}{12}$	-4	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{4}, \frac{5}{12}$	-8	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{11}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$
-4	$\frac{7}{24}, \frac{11}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$				
$ D \equiv 11 \pmod{24}$							
4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{1}{3}$
4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{5}{24}, \frac{1}{3}$	4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{5}{24}, \frac{5}{12}$
4	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{1}{3}, \frac{5}{12}$	-4	$\frac{1}{12}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{11}{24}$
-8	$\frac{1}{12}, \frac{5}{24}$	4	$\frac{7}{24}, \frac{11}{24}$	8	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{7}{24}, \frac{11}{24}$
-4	$\frac{1}{12}, \frac{5}{24}$	4	$\frac{1}{3}, \frac{11}{24}$	4	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{1}{3}, \frac{11}{24}$
-4	$\frac{7}{24}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{11}{24}$	4	0, $\frac{1}{12}$	8	$\frac{3}{8}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{8}$	4	$\frac{3}{8}, \frac{11}{24}$	-4	$\frac{1}{12}, \frac{1}{4}$	8	$\frac{3}{8}, \frac{11}{24}$
-4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{5}{12}, \frac{11}{24}$	-4	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{1}{12}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{11}{24}$	4	$\frac{5}{24}, \frac{1}{3}$	4	$\frac{5}{12}, \frac{11}{24}$
$ D \equiv 13 \pmod{24}$							
8	0, $\frac{1}{24}$	-4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{1}{24}, \frac{1}{12}$	-12	$\frac{1}{12}, \frac{1}{6}$
12	0, $\frac{1}{12}$	8	$\frac{1}{12}, \frac{5}{24}$	4	0, $\frac{1}{12}$	8	$\frac{1}{6}, \frac{5}{24}$
-4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{1}{6}, \frac{5}{24}$	8	0, $\frac{1}{24}$	4	$\frac{1}{6}, \frac{1}{4}$
-8	$\frac{1}{24}, \frac{1}{12}$	12	$\frac{1}{6}, \frac{1}{4}$	-8	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{1}{4}$

Table 12: $e = 24$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
12	$0, \frac{1}{12}$	-8	$\frac{5}{24}, \frac{1}{4}$	-12	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{5}{24}, \frac{1}{4}$
8	$0, \frac{1}{24}$	4	$\frac{1}{24}, \frac{7}{24}$	4	$0, \frac{1}{12}$	8	$\frac{1}{12}, \frac{7}{24}$
4	$0, \frac{1}{24}$	4	$\frac{1}{6}, \frac{7}{24}$	-4	$0, \frac{1}{12}$	8	$\frac{1}{6}, \frac{7}{24}$
-2	$\frac{1}{24}, \frac{1}{12}$	6	$\frac{1}{6}, \frac{7}{24}$	-4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{7}{24}$
4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{1}{6}, \frac{7}{24}$	8	$0, \frac{1}{24}$	4	$\frac{5}{24}, \frac{7}{24}$
-8	$\frac{1}{24}, \frac{1}{12}$	12	$\frac{5}{24}, \frac{7}{24}$	-8	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{7}{24}$
8	$0, \frac{5}{24}$	4	$\frac{5}{24}, \frac{7}{24}$	8	$\frac{1}{12}, \frac{5}{24}$	12	$\frac{5}{24}, \frac{7}{24}$
8	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{5}{24}, \frac{7}{24}$	4	$0, \frac{1}{12}$	8	$\frac{1}{4}, \frac{7}{24}$
-4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{1}{4}, \frac{7}{24}$	4	$0, \frac{1}{4}$	8	$\frac{1}{4}, \frac{7}{24}$
4	$\frac{1}{6}, \frac{1}{4}$	8	$\frac{1}{4}, \frac{7}{24}$	8	$0, \frac{1}{24}$	4	$\frac{1}{8}, \frac{3}{8}$
-8	$\frac{1}{24}, \frac{1}{12}$	12	$\frac{1}{8}, \frac{3}{8}$	8	$0, \frac{1}{24}$	4	$\frac{1}{6}, \frac{5}{12}$
-8	$\frac{1}{24}, \frac{1}{12}$	12	$\frac{1}{6}, \frac{5}{12}$	-8	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{5}{12}$
12	$0, \frac{1}{12}$	-8	$\frac{5}{24}, \frac{5}{12}$	-12	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{5}{24}, \frac{5}{12}$
4	$0, \frac{1}{12}$	-8	$\frac{7}{24}, \frac{5}{12}$	-4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{7}{24}, \frac{5}{12}$
4	$0, \frac{1}{4}$	-8	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{1}{6}, \frac{1}{4}$	-8	$\frac{7}{24}, \frac{5}{12}$
4	$0, \frac{7}{24}$	-4	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{7}{24}$	-8	$\frac{7}{24}, \frac{5}{12}$
4	$\frac{1}{6}, \frac{7}{24}$	-4	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{5}{24}, \frac{7}{24}$	-8	$\frac{7}{24}, \frac{5}{12}$
8	$0, \frac{1}{24}$	4	$\frac{1}{24}, \frac{11}{24}$	4	$0, \frac{1}{12}$	8	$\frac{1}{12}, \frac{11}{24}$
4	$0, \frac{1}{24}$	4	$\frac{1}{6}, \frac{11}{24}$	-4	$0, \frac{1}{12}$	8	$\frac{1}{6}, \frac{11}{24}$
-2	$\frac{1}{24}, \frac{1}{12}$	6	$\frac{1}{6}, \frac{11}{24}$	-4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{11}{24}$
4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{1}{6}, \frac{11}{24}$	8	$0, \frac{1}{24}$	4	$\frac{5}{24}, \frac{11}{24}$
-8	$\frac{1}{24}, \frac{1}{12}$	12	$\frac{5}{24}, \frac{11}{24}$	-8	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{11}{24}$
8	$0, \frac{5}{24}$	4	$\frac{5}{24}, \frac{11}{24}$	8	$\frac{1}{12}, \frac{5}{24}$	12	$\frac{5}{24}, \frac{11}{24}$
8	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{5}{24}, \frac{11}{24}$	4	$0, \frac{1}{12}$	8	$\frac{1}{4}, \frac{11}{24}$
-4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{1}{4}, \frac{11}{24}$	4	$0, \frac{1}{4}$	8	$\frac{1}{4}, \frac{11}{24}$
4	$\frac{1}{6}, \frac{1}{4}$	8	$\frac{1}{4}, \frac{11}{24}$	4	$0, \frac{1}{12}$	8	$\frac{5}{12}, \frac{11}{24}$
-4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{5}{12}, \frac{11}{24}$	4	$0, \frac{1}{4}$	8	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{1}{6}, \frac{1}{4}$	8	$\frac{5}{12}, \frac{11}{24}$	4	$0, \frac{7}{24}$	4	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{7}{24}$	8	$\frac{5}{12}, \frac{11}{24}$	4	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{5}{24}, \frac{7}{24}$	8	$\frac{5}{12}, \frac{11}{24}$	4	$\frac{1}{8}, \frac{3}{8}$	8	$\frac{5}{12}, \frac{11}{24}$
4	$0, \frac{5}{12}$	8	$\frac{5}{12}, \frac{11}{24}$	4	$\frac{1}{6}, \frac{5}{12}$	8	$\frac{5}{12}, \frac{11}{24}$
8	$0, \frac{1}{24}$	-4	$\frac{1}{12}, \frac{1}{2}$	-8	$\frac{1}{24}, \frac{1}{12}$	-12	$\frac{1}{12}, \frac{1}{2}$

Table 12: $e = 24$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$0, \frac{1}{12}$	-8	$\frac{5}{24}, \frac{1}{2}$	-4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{5}{24}, \frac{1}{2}$
8	$0, \frac{1}{24}$	-4	$\frac{1}{4}, \frac{1}{2}$	-8	$\frac{1}{24}, \frac{1}{12}$	-12	$\frac{1}{4}, \frac{1}{2}$
-8	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{4}, \frac{1}{2}$	8	$0, \frac{5}{24}$	-4	$\frac{1}{4}, \frac{1}{2}$
8	$\frac{1}{12}, \frac{5}{24}$	-12	$\frac{1}{4}, \frac{1}{2}$	8	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{1}{4}, \frac{1}{2}$
-8	$\frac{1}{24}, \frac{1}{4}$	-12	$\frac{1}{4}, \frac{1}{2}$	-8	$\frac{5}{24}, \frac{1}{4}$	-12	$\frac{1}{4}, \frac{1}{2}$
4	$0, \frac{1}{24}$	-4	$\frac{7}{24}, \frac{1}{2}$	-4	$0, \frac{1}{12}$	-8	$\frac{7}{24}, \frac{1}{2}$
-2	$\frac{1}{24}, \frac{1}{12}$	-6	$\frac{7}{24}, \frac{1}{2}$	-4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{7}{24}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{7}{24}, \frac{1}{2}$	4	$0, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{1}{2}$
2	$\frac{1}{12}, \frac{5}{24}$	-6	$\frac{7}{24}, \frac{1}{2}$	4	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{1}{2}$
-4	$0, \frac{1}{4}$	-8	$\frac{7}{24}, \frac{1}{2}$	-2	$\frac{1}{24}, \frac{1}{4}$	-6	$\frac{7}{24}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{1}{4}$	-8	$\frac{7}{24}, \frac{1}{2}$	-2	$\frac{5}{24}, \frac{1}{4}$	-6	$\frac{7}{24}, \frac{1}{2}$
-4	$\frac{1}{24}, \frac{7}{24}$	-8	$\frac{7}{24}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{7}{24}$	-4	$\frac{7}{24}, \frac{1}{2}$
-4	$\frac{5}{24}, \frac{7}{24}$	-8	$\frac{7}{24}, \frac{1}{2}$	4	$\frac{1}{4}, \frac{7}{24}$	-4	$\frac{7}{24}, \frac{1}{2}$
8	$0, \frac{1}{24}$	-4	$\frac{5}{12}, \frac{1}{2}$	-8	$\frac{1}{24}, \frac{1}{12}$	-12	$\frac{5}{12}, \frac{1}{2}$
-8	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{5}{12}, \frac{1}{2}$	8	$0, \frac{5}{24}$	-4	$\frac{5}{12}, \frac{1}{2}$
8	$\frac{1}{12}, \frac{5}{24}$	-12	$\frac{5}{12}, \frac{1}{2}$	8	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{5}{12}, \frac{1}{2}$
-8	$\frac{1}{24}, \frac{1}{4}$	-12	$\frac{5}{12}, \frac{1}{2}$	-8	$\frac{5}{24}, \frac{1}{4}$	-12	$\frac{5}{12}, \frac{1}{2}$
8	$0, \frac{7}{24}$	4	$\frac{5}{12}, \frac{1}{2}$	8	$\frac{1}{12}, \frac{7}{24}$	-4	$\frac{5}{12}, \frac{1}{2}$
8	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{1}{2}$	8	$\frac{1}{4}, \frac{7}{24}$	-4	$\frac{5}{12}, \frac{1}{2}$
-8	$\frac{1}{24}, \frac{5}{12}$	-12	$\frac{5}{12}, \frac{1}{2}$	-8	$\frac{5}{24}, \frac{5}{12}$	-12	$\frac{5}{12}, \frac{1}{2}$
-8	$\frac{7}{24}, \frac{5}{12}$	-4	$\frac{5}{12}, \frac{1}{2}$	4	$0, \frac{1}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$
-4	$0, \frac{1}{12}$	-8	$\frac{11}{24}, \frac{1}{2}$	-2	$\frac{1}{24}, \frac{1}{12}$	-6	$\frac{11}{24}, \frac{1}{2}$
-4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{12}, \frac{1}{6}$	-8	$\frac{11}{24}, \frac{1}{2}$
4	$0, \frac{5}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	2	$\frac{1}{12}, \frac{5}{24}$	-6	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{5}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	-4	$0, \frac{1}{4}$	-8	$\frac{11}{24}, \frac{1}{2}$
-2	$\frac{1}{24}, \frac{1}{4}$	-6	$\frac{11}{24}, \frac{1}{2}$	-4	$\frac{1}{6}, \frac{1}{4}$	-8	$\frac{11}{24}, \frac{1}{2}$
-2	$\frac{5}{24}, \frac{1}{4}$	-6	$\frac{11}{24}, \frac{1}{2}$	-4	$\frac{1}{24}, \frac{7}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{12}, \frac{7}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	-4	$\frac{5}{24}, \frac{7}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{4}, \frac{7}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	-4	$\frac{1}{8}, \frac{3}{8}$	-8	$\frac{11}{24}, \frac{1}{2}$
-4	$0, \frac{5}{12}$	-8	$\frac{11}{24}, \frac{1}{2}$	-2	$\frac{1}{24}, \frac{5}{12}$	-6	$\frac{11}{24}, \frac{1}{2}$
-4	$\frac{1}{6}, \frac{5}{12}$	-8	$\frac{11}{24}, \frac{1}{2}$	-2	$\frac{5}{24}, \frac{5}{12}$	-6	$\frac{11}{24}, \frac{1}{2}$
-4	$\frac{7}{24}, \frac{5}{12}$	-4	$\frac{11}{24}, \frac{1}{2}$	-4	$\frac{1}{24}, \frac{11}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$

Table 12: $e = 24$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
4	$\frac{1}{12}, \frac{11}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	-4	$\frac{5}{24}, \frac{11}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$
4	$\frac{1}{4}, \frac{11}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{5}{12}, \frac{11}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$
$ D \equiv 17 \pmod{24}$							
8	$0, \frac{1}{24}$	4	$\frac{1}{24}, \frac{5}{24}$	4	$0, \frac{1}{24}$	4	$\frac{1}{12}, \frac{7}{24}$
4	$0, \frac{1}{24}$	-4	$\frac{7}{24}, \frac{1}{3}$	-4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{7}{24}, \frac{1}{3}$
4	$\frac{1}{8}, \frac{5}{24}$	-4	$\frac{7}{24}, \frac{3}{8}$	-4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{5}{24}, \frac{5}{12}$
8	$\frac{1}{8}, \frac{5}{24}$	-4	$\frac{1}{4}, \frac{5}{12}$	-4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{7}{24}, \frac{5}{12}$
-8	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{7}{24}, \frac{11}{24}$	8	$0, \frac{7}{24}$	4	$\frac{7}{24}, \frac{11}{24}$
4	$0, \frac{5}{24}$	4	$\frac{5}{12}, \frac{11}{24}$	4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{1}{12}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{11}{24}$	-4	$\frac{7}{24}, \frac{1}{3}$	4	$\frac{5}{12}, \frac{11}{24}$
4	$0, \frac{1}{24}$	-4	$\frac{5}{24}, \frac{1}{2}$	-4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{5}{24}, \frac{1}{2}$
-4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{7}{24}, \frac{1}{2}$	4	$0, \frac{7}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$
-4	$\frac{5}{24}, \frac{5}{12}$	-4	$\frac{11}{24}, \frac{1}{2}$	-4	$\frac{7}{24}, \frac{11}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$
$ D \equiv 19 \pmod{24}$							
2	$\frac{1}{24}, \frac{1}{12}$	6	$\frac{5}{24}, \frac{1}{4}$	4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{1}{6}, \frac{7}{24}$
-4	$\frac{1}{24}, \frac{1}{12}$	12	$\frac{1}{4}, \frac{7}{24}$	-4	$0, \frac{5}{24}$	4	$\frac{1}{4}, \frac{7}{24}$
4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{1}{3}$	8	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{1}{6}, \frac{5}{12}$
-6	$0, \frac{1}{24}$	2	$\frac{5}{24}, \frac{5}{12}$	-12	$0, \frac{1}{24}$	4	$\frac{7}{24}, \frac{5}{12}$
12	$\frac{1}{24}, \frac{1}{4}$	4	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{1}{3}, \frac{5}{12}$
-4	$0, \frac{1}{24}$	4	$\frac{1}{4}, \frac{11}{24}$	-4	$\frac{1}{12}, \frac{5}{24}$	4	$\frac{1}{3}, \frac{11}{24}$
4	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{1}{3}, \frac{11}{24}$	4	$\frac{5}{24}, \frac{1}{3}$	4	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{1}{6}, \frac{5}{12}$	8	$\frac{5}{12}, \frac{11}{24}$	-8	$0, \frac{1}{24}$	4	$\frac{1}{12}, \frac{1}{2}$
8	$\frac{1}{24}, \frac{1}{12}$	-12	$\frac{5}{12}, \frac{1}{2}$	-8	$0, \frac{5}{24}$	4	$\frac{5}{12}, \frac{1}{2}$
8	$\frac{5}{24}, \frac{1}{4}$	4	$\frac{5}{12}, \frac{1}{2}$				
$ D \equiv 23 \pmod{24}$							
4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{1}{6}, \frac{5}{24}$	4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{1}{4}$
4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{5}{24}, \frac{1}{4}$	4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{6}, \frac{7}{24}$
8	$\frac{1}{8}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{7}{24}$	4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{1}{4}, \frac{7}{24}$
4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{1}{3}$	4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{5}{24}, \frac{1}{3}$
4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{7}{24}, \frac{1}{3}$	4	$\frac{1}{24}, \frac{1}{8}$	4	$\frac{5}{24}, \frac{3}{8}$
4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{5}{24}, \frac{3}{8}$	4	$\frac{5}{24}, \frac{7}{24}$	8	$\frac{1}{3}, \frac{3}{8}$
8	$\frac{1}{24}, \frac{1}{8}$	-4	$\frac{1}{6}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{1}{12}$	4	$\frac{5}{24}, \frac{5}{12}$

Table 12: $e = 24$ (continued)

c_1	q_1, q_2	c_2	q_3, q_4	c_1	q_1, q_2	c_2	q_3, q_4
8	$\frac{1}{24}, \frac{1}{8}$	-4	$\frac{1}{4}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{1}{6}$	-4	$\frac{7}{24}, \frac{5}{12}$
4	$\frac{1}{24}, \frac{5}{24}$	-8	$\frac{7}{24}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{1}{4}$	-4	$\frac{7}{24}, \frac{5}{12}$
8	$\frac{1}{24}, \frac{1}{8}$	-4	$\frac{1}{3}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{7}{24}$	-4	$\frac{1}{3}, \frac{5}{12}$
8	$\frac{1}{8}, \frac{7}{24}$	-4	$\frac{1}{3}, \frac{5}{12}$	4	$\frac{1}{24}, \frac{1}{8}$	2	$\frac{5}{24}, \frac{11}{24}$
4	$\frac{1}{12}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{11}{24}$	8	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{7}{24}, \frac{11}{24}$
4	$\frac{1}{6}, \frac{7}{24}$	4	$\frac{1}{3}, \frac{11}{24}$	4	$\frac{1}{4}, \frac{7}{24}$	4	$\frac{1}{3}, \frac{11}{24}$
-4	$\frac{7}{24}, \frac{1}{3}$	4	$\frac{1}{3}, \frac{11}{24}$	4	$\frac{1}{24}, \frac{1}{8}$	4	$\frac{3}{8}, \frac{11}{24}$
4	$\frac{1}{12}, \frac{1}{6}$	8	$\frac{3}{8}, \frac{11}{24}$	4	$\frac{1}{12}, \frac{1}{4}$	8	$\frac{3}{8}, \frac{11}{24}$
2	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{3}{8}, \frac{11}{24}$	4	$\frac{1}{8}, \frac{7}{24}$	4	$\frac{3}{8}, \frac{11}{24}$
4	$\frac{1}{12}, \frac{1}{3}$	8	$\frac{3}{8}, \frac{11}{24}$	4	$\frac{1}{12}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{11}{24}$
4	$\frac{1}{24}, \frac{1}{6}$	4	$\frac{5}{24}, \frac{1}{2}$	4	$\frac{1}{24}, \frac{5}{24}$	8	$\frac{5}{24}, \frac{1}{2}$
4	$\frac{1}{24}, \frac{1}{12}$	-4	$\frac{7}{24}, \frac{1}{2}$	4	$\frac{5}{24}, \frac{7}{24}$	-8	$\frac{3}{8}, \frac{1}{2}$
8	$\frac{1}{24}, \frac{1}{8}$	4	$\frac{5}{12}, \frac{1}{2}$	4	$\frac{1}{24}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{1}{2}$
8	$\frac{1}{8}, \frac{7}{24}$	4	$\frac{5}{12}, \frac{1}{2}$	8	$\frac{5}{24}, \frac{3}{8}$	-4	$\frac{5}{12}, \frac{1}{2}$
4	$\frac{1}{6}, \frac{7}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{1}{4}, \frac{7}{24}$	-4	$\frac{11}{24}, \frac{1}{2}$
-4	$\frac{7}{24}, \frac{1}{3}$	-4	$\frac{11}{24}, \frac{1}{2}$	4	$\frac{5}{24}, \frac{5}{12}$	-4	$\frac{11}{24}, \frac{1}{2}$
-4	$\frac{7}{24}, \frac{11}{24}$	-8	$\frac{11}{24}, \frac{1}{2}$				