$\times$	1	$\frac{-1+\sqrt{3}i}{2}$	$\frac{-1-\sqrt{3}i}{2}$	$\frac{1+\sqrt{3}i}{2}$	-1	$\frac{1-\sqrt{3}i}{2}$
1	1	$\frac{-1+\sqrt{3}i}{2}$	$\frac{-1-\sqrt{3}i}{2}$	$\frac{1+\sqrt{3}i}{2}$	-1	$\frac{1-\sqrt{3}i}{2}$
$\frac{-1+\sqrt{3}i}{2}$	$\frac{-1+\sqrt{3}i}{2}$	$\frac{-1-\sqrt{3}i}{2}$	1	-1	$\frac{1-\sqrt{3}i}{2}$	$\frac{1+\sqrt{3}i}{2}$
$\frac{-1-\sqrt{3}i}{2}$	$\frac{-1-\sqrt{3}i}{2}$	1	$\frac{-1+\sqrt{3}i}{2}$	$\frac{1-\sqrt{3}i}{2}$	$\frac{1+\sqrt{3}i}{2}$	-1
$\frac{1+\sqrt{3}i}{2}$	$\frac{1+\sqrt{3}i}{2}$	-1	$\frac{1-\sqrt{3}i}{2}$	$\frac{-1+\sqrt{3}i}{2}$	$\frac{-1-\sqrt{3}i}{2}$	1
-1	-1	$\frac{1-\sqrt{3}i}{2}$	$\frac{1+\sqrt{3}i}{2}$	$\frac{-1-\sqrt{3}i}{2}$	1	$\frac{-1+\sqrt{3}i}{2}$
$\frac{1-\sqrt{3}i}{2}$	$\frac{1-\sqrt{3}i}{2}$	$\frac{1+\sqrt{3}i}{2}$	-1	1	$\frac{-1+\sqrt{3}i}{2}$	$\frac{-1-\sqrt{3}i}{2}$

$+\mathbf{Z}/6\mathbf{Z}$	$\overline{0}$	$\overline{2}$	$\overline{4}$	$\overline{1}$	$\overline{3}$	$\overline{5}$
$\overline{0}$	$\overline{0}$	$\overline{2}$	$\overline{4}$	$\overline{1}$	$\overline{3}$	$\overline{5}$
$\overline{2}$	$\overline{2}$	$\overline{4}$	$\overline{0}$	$\overline{3}$	$\overline{5}$	$\overline{1}$
$\overline{4}$	$\overline{4}$	$\overline{0}$	$\overline{2}$	$\overline{5}$	$\overline{1}$	$\overline{3}$
$\overline{1}$	$\overline{1}$	$\overline{3}$	$\overline{5}$	$\overline{2}$	$\overline{4}$	$\overline{0}$
$\overline{3}$	$\overline{3}$	$\overline{5}$	$\overline{1}$	$\overline{4}$	$\overline{0}$	$\overline{2}$
$\overline{5}$	$\overline{5}$	$\overline{1}$	$\overline{3}$	$\overline{0}$	$\overline{2}$	$\overline{4}$

$\times$	$\left(\begin{smallmatrix}1&0\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\0&1\end{smallmatrix}\right)$
$\left(\begin{smallmatrix}1&0\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\0&1\end{smallmatrix}\right)$
$\left(\begin{smallmatrix}-1&1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\1&-1\end{smallmatrix}\right)$
$\left(\begin{smallmatrix}0&-1\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\-1&0\end{smallmatrix}\right)$
$\left(\begin{smallmatrix}1&0\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\-1&0\end{smallmatrix}\right)$
$\left(\begin{smallmatrix}0&-1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\1&-1\end{smallmatrix}\right)$
$\left(\begin{smallmatrix}-1&1\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\0&1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}0&-1\\1&-1\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}-1&1\\-1&0\end{smallmatrix}\right)$	$\left(\begin{smallmatrix}1&0\\0&1\end{smallmatrix}\right)$

$\circ$	x	$\frac{1}{1-x}$	$\frac{x-1}{x}$	$1-x$	$\frac{1}{x}$	$\frac{x}{x-1}$
x	x	$\frac{1}{1-x}$	$\frac{x-1}{x}$	$1-x$	$\frac{1}{x}$	$\frac{x}{x-1}$
$\frac{1}{1-x}$	$\frac{1}{1-x}$	$\frac{x-1}{x}$	x	$\frac{1}{x}$	$\frac{x}{x-1}$	$1-x$
$\frac{x-1}{x}$	$\frac{x-1}{x}$	x	$\frac{1}{1-x}$	$\frac{x}{x-1}$	$1-x$	$\frac{1}{x}$
$1-x$	$1-x$	$\frac{x}{x-1}$	$\frac{1}{x}$	x	$\frac{x-1}{x}$	$\frac{1}{1-x}$
$\frac{1}{x}$	$\frac{1}{x}$	$1-x$	$\frac{x}{x-1}$	$\frac{1}{1-x}$	x	$\frac{x-1}{x}$
$\frac{x}{x-1}$	$\frac{x}{x-1}$	$\frac{1}{x}$	$1-x$	$\frac{x-1}{x}$	$\frac{1}{1-x}$	x