

Operations:

1. Let $G = \{e, a, b\}$

*	e	a	b
e	e	a	b
a	a	a	e
b	b	e	b

2. Let $G = \{(0,0), (0,1), (1,0), (1,1)\}$

*	(0,0)	(0,1)	(1,0)	(1,1)
(0,0)	(0,0)	(0,1)	(1,0)	(1,1)
(0,1)	(0,1)	(0,0)	(1,1)	(1,0)
(1,0)	(1,0)	(1,1)	(0,0)	(0,1)
(1,1)	(1,1)	(1,0)	(0,1)	(0,0)

3. Let $G = \left\{ \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}, \begin{bmatrix} -1 & 0 \\ 0 & 1 \end{bmatrix}, \begin{bmatrix} 1 & 0 \\ 0 & -1 \end{bmatrix}, \begin{bmatrix} -1 & 0 \\ 0 & -1 \end{bmatrix} \right\}$ be $\{e, a, b, c\}$

.	e	a	b	c
e	e	a	b	c
a	a	e	c	b
b	b	c	e	a
c	c	b	a	e

4. Let $G = \{1, i, -1, -i\}$

.	1	i	-1	$-i$
*				
1				
i				
-1				
$-i$				

5. Let $G = \{a, b, c, d\}$

*	a	b	c	d
a	a	a	a	a
b	b	b	b	b
c	c	c	c	c
d	d	d	d	d

6. Let $G = \{a, b, c, d\}$

*	a	b	c	d
a	a	a	a	a
b	b	b	b	b
c	c	c	c	c
d	d	d	d	d

7. Let $G = \{e, b, c, d\}$

*	e	b	c	d
e	e	b	c	d
b	b	c	d	e
c	c	d	e	a
d	d	e	a	c

8. Consider $(\mathbb{Z}_5, +)$

9. Consider (\mathbb{Z}_5, \cdot)

