「有限の世界」 合同式における掛け算の表

 $\mod 2$

| × | 0 1 |
|---|-----|
| 0 | 0 0 |
| 1 | 0 1 |

 $\mod 3$

| × | 0 | 1 | 2 |
|---|---|---|---|
| 0 | 0 | 0 | 0 |
| 1 | 0 | 1 | 2 |
| 2 | 0 | 2 | 1 |

 $\mod 4$

| × | 0 | 1 | 2 | 3 | |
|---|---|---|---|---|--|
| 0 | 0 | 0 | 0 | 0 | |
| 1 | 0 | 1 | 2 | 3 | |
| 2 | 0 | 2 | 0 | 2 | |
| 3 | 0 | 3 | 2 | 1 | |

 $\mod 5$

| × | 0 | 1 | 2 | 3 | 4 | |
|---|---|---|---|---|---|--|
| 0 | 0 | 0 | 0 | 0 | 0 | |
| 1 | 0 | 1 | 2 | 3 | 4 | |
| 2 | 0 | 2 | 4 | 1 | 3 | |
| 3 | 0 | 3 | 1 | 4 | 2 | |
| 4 | 0 | 4 | 3 | 2 | 1 | |
| | | | | | | |

| mod 6 | × | 0 | 1 | 2 | 3 | 4 | 5 | |
|-------|---|---|---|---|---|---|---|--|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 0 | 1 | 2 | 3 | 4 | 5 | |
| | 2 | 0 | 2 | 4 | 0 | 2 | 4 | |
| | 3 | 0 | 3 | 0 | 3 | 0 | 3 | |
| | 4 | 0 | 4 | 2 | 0 | 4 | 2 | |
| | 5 | 0 | 5 | 4 | 3 | 2 | 1 | |
| | | | | | | | | |

1 2 3 4 5 \times $\mod 7$