# Game over $Z_7$

**Viable Elements:** (Cross off the ones you've used!)

## $Z_7$ = <1, 2, 3, 4, 5, 6>

| Turn: | P1 Move: | Running Total Mod 7: | P2 Move: | Running Total Mod 7: |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Who Won? _____**

# Game over $Z_8$

**Viable Elements:** (Cross off the ones you've used!)

$$Z_8 = \langle 1, 2, 3, 4, 5, 6, 7 \rangle$$

| Turn: | P1 Move: | Running Total Mod 8: | P2 Move: | Running Total Mod 8: |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Who Won? _____**

# Game over $Z_9$

**Viable Elements:** (Cross off the ones you've used!)

## $Z_9 = <1, 2, 3, 4, 5, 6, 7, 8>$

| Turn: | P1 Move: | Running Total Mod 9: | P2 Move: | Running Total Mod 9: |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Who Won? _____**

# Game over $Z_{10}$

**Viable Elements:** (Cross off the ones you've used!)

## $Z_{10} = <1, 2, 3, 4, 5, 6, 7, 8, 9>$

| Turn: | P1 Move: | Running Total Mod 10: | P2 Move: | Running Total Mod 10: |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Who Won?** _____

# Game over $Z_{11}$

**Viable Elements:** (Cross off the ones you've used!)

## $Z_{11} = \langle 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 \rangle$

| Turn: | P1 Move: | Running Total Mod 11: | P2 Move: | Running Total Mod 11: |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Who Won? _____**

# Game over $Z_{12}$

**Viable Elements:** **(Cross off the ones you've used!)**

## $Z_{12} = <1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11>$

| Turn: | P1 Move: | Running Total Mod 12: | P2 Move: | Running Total Mod 12: |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Who Won? _____**

# Game over $Z_{13}$

**Viable Elements:** (Cross off the ones you've used!)

## $Z_{13} = <1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12>$

| Turn: | P1 Move: | Running Total Mod 13: | P2 Move: | Running Total Mod 13: |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Who Won? _____**