



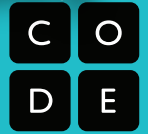
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Name: \_\_\_\_\_

# Teacher Key

## For Loop Fun

### Assessment Worksheet



Below, you will find three rounds of the For Loop Game, along with what each player rolled during their turn. Fill out the number lines and tally the scores for each round. Who won the game?

#### ROUND 1

**Player 1** For values of X from 1 to 18 incrementing by 4  
starting value    stopping value    interval

Number line: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Circled numbers: 1, 5, 9, 13, 17

**Player 2** For values of X from 3 to 11 incrementing by 2  
starting value    stopping value    interval

Number line: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Circled numbers: 3, 5, 7, 9, 11

**SCORE**  
 Player 1: 45  
 Player 2: 35

#### ROUND 2

**Player 1** For values of X from 3 to 17 incrementing by 5  
starting value    stopping value    interval

Number line: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Circled numbers: 3, 8, 13

**Player 2** For values of X from 5 to 17 incrementing by 3  
starting value    stopping value    interval

Number line: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Circled numbers: 5, 8, 11, 14, 17

**SCORE**  
 Player 1: 24  
 Player 2: 55

#### ROUND 3

**Player 1** For values of X from 6 to 11 incrementing by 1  
starting value    stopping value    interval

Number line: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Circled numbers: 6, 7, 8, 9, 10, 11

**Player 2** For values of X from 2 to 15 incrementing by 6  
starting value    stopping value    interval

Number line: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18  
 Circled numbers: 2, 8, 14

**SCORE**  
 Player 1: 51  
 Player 2: 24

#### Directions:

- \* Use the number lines to trace the “for loop” for each turn
  - \* Start by circling the number at the starting value of X
  - \* Count down the number line, circling the numbers at the correct interval
  - \* Stop when you get to the stopping value
- \* Add all of the circled values to get the score for your round
- \* Best 2 out of 3 Wins

**WHO WON?**  
**PLAYER # 1**