

1

Solve the equation.

$$-18 - 6k = 6(1 + 3k)$$

- a) $k = -2.67$ go to station 3
- b) $k = -1$ go to station 4
- c) $k = 1$ go to station 7
- d) $k = 6$ go to station 10

2

Solve the equation.

$$-(1 + 7x) - 6(-7 - x) = 36$$

a) $x = -\frac{5}{6}$

go to station 7

b) $x = -7$

go to station 1

c) $x = 13$

go to station 8

d) $x = 5$

go to station 10

3

Solve the equation.

$$-3(4x + 3) + 4(6x + 1) = 43$$

- a) $x = 3.25$ go to station 6
- b) $x = -4$ go to station 4
- c) $x = 4.25$ go to station 5
- d) $x = 4$ go to station 9

4

Solve the equation.

$$4x + 7 - 6x = 5 - 4x + 4$$

- | | |
|-------------|-----------------|
| a) $x = -4$ | go to station 3 |
| b) $x = 3$ | go to station 1 |
| c) $x = 1$ | go to station 7 |
| d) $x = -1$ | go to station 5 |

5

Solve the equation.

$$3m = 5(m + 3) - 3$$

- a) $m = 0$ go to station 6
- b) $m = 6$ go to station 2
- c) $m = 7.5$ go to station 4
- d) $m = -6$ go to station 1

6

Solve the equation.

$$-4k + 2(5k - 6) = -3k - 39$$

- | | |
|--------------|------------------|
| a) $k = 1$ | go to station 3 |
| b) $k = 12$ | go to station 2 |
| c) $k = 6$ | go to station 1 |
| d) $k = -3$ | go to station 8 |
| e) $k = -10$ | go to station 10 |

7

Solve the equation.

$$2(3x - 4) = 3x + 1$$

- a) $x = 3$ go to station 2
- b) $x = -2$ go to station 9
- c) $x = \frac{5}{3}$ go to station 8
- d) $x = 1$ go to station 5

8

Solve the equation.

$$5 + 4x - 7 = 4x - 2 - x$$

- a) $x = 0$ go to station 5
- b) $x = 1$ go to station 4
- c) $x = -3$ go to station 2
- d) $x = 2$ go to station 1

9

Solve the equation.

$$5n + 34 = -2(1 - 7n)$$

- | | |
|---------------|-----------------|
| a) $n = 0$ | go to station 7 |
| b) $n = 4$ | go to station 6 |
| c) $n = -3$ | go to station 8 |
| d) $n = -1.9$ | go to station 4 |
| e) $n = -4$ | go to station 2 |

10

Solve the equation.

$$-(7 - 4x) = 9$$

a) $x = -4$

go to station 6

b) $x = 0$

go to station 4

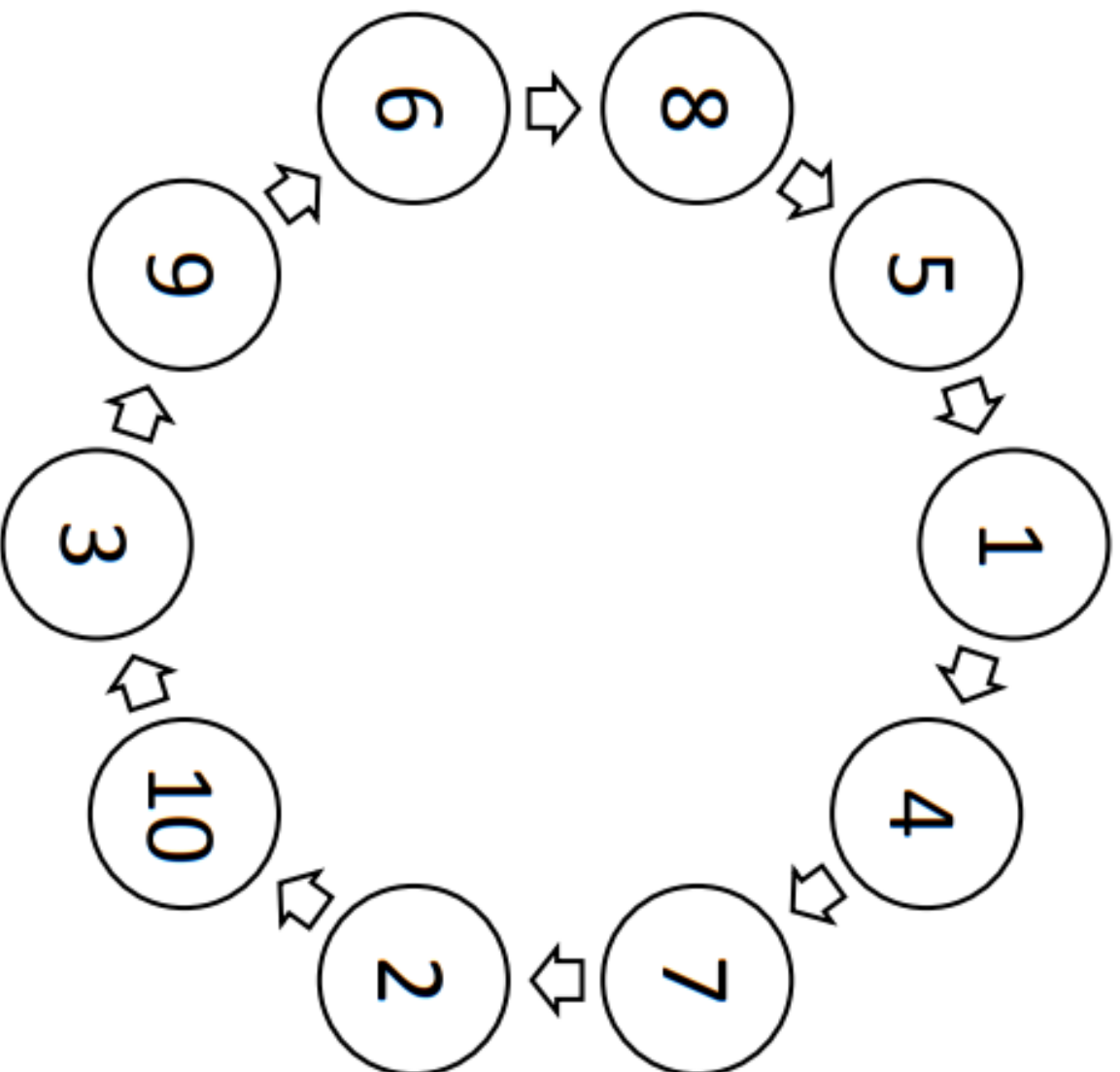
c) $x = 1$

go to station 1

d) $x = 4$

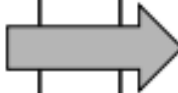
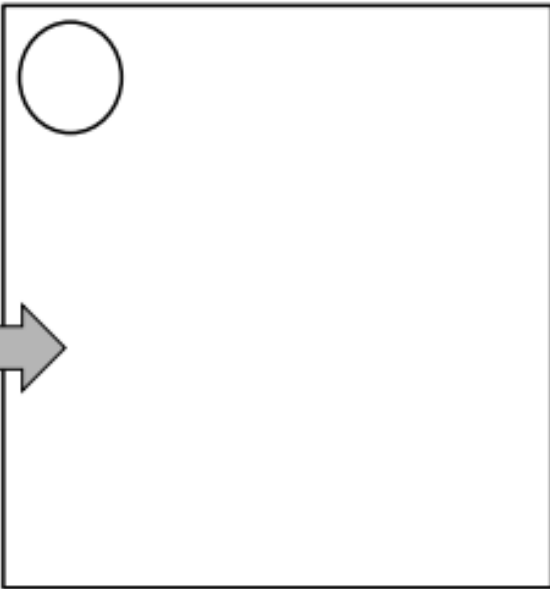
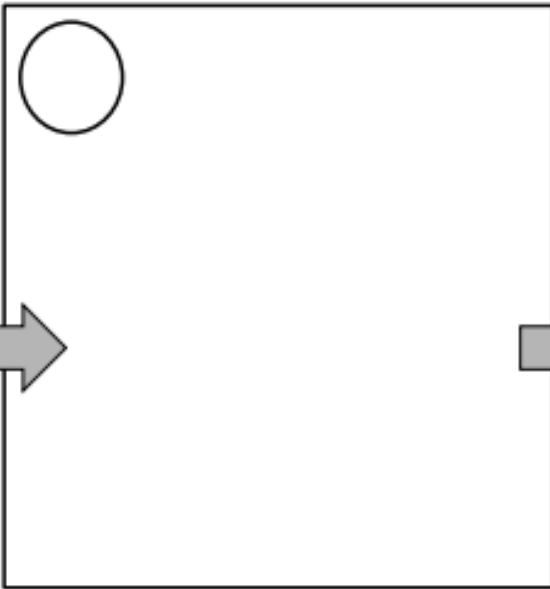
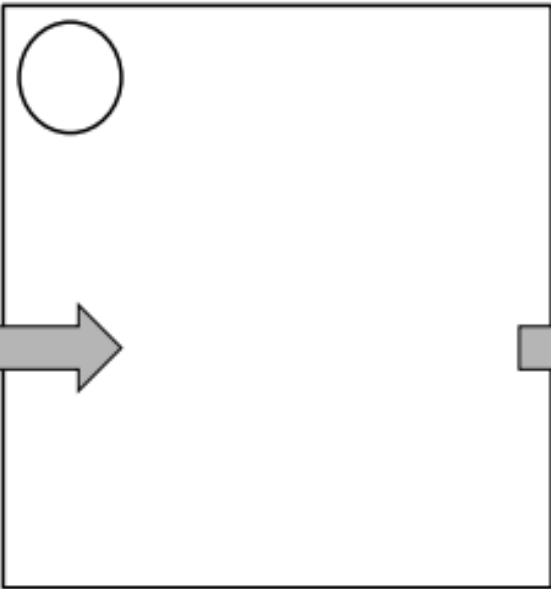
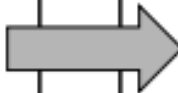
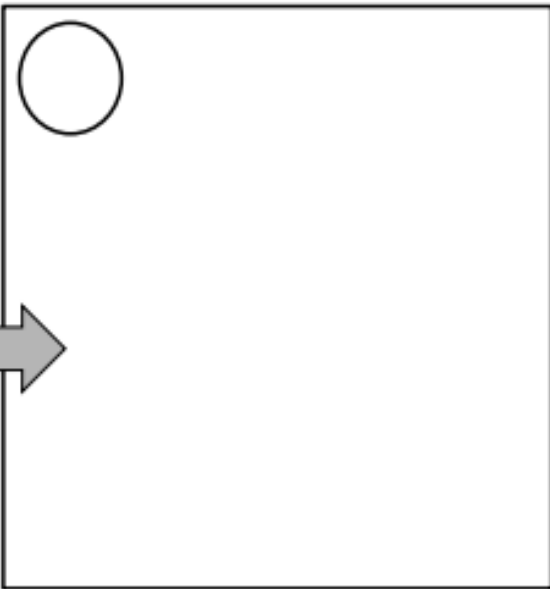
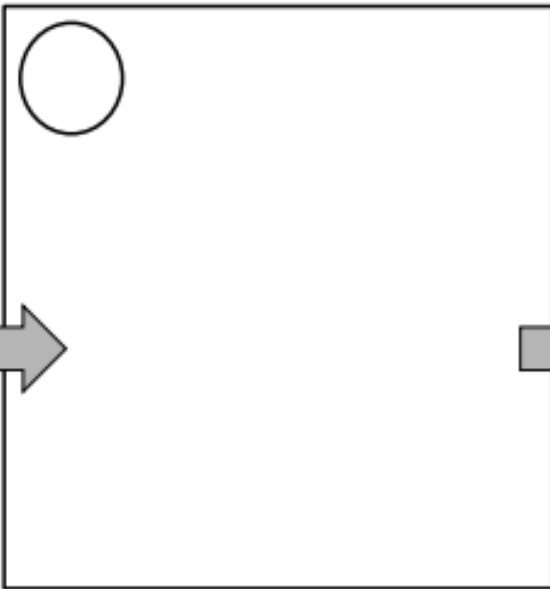
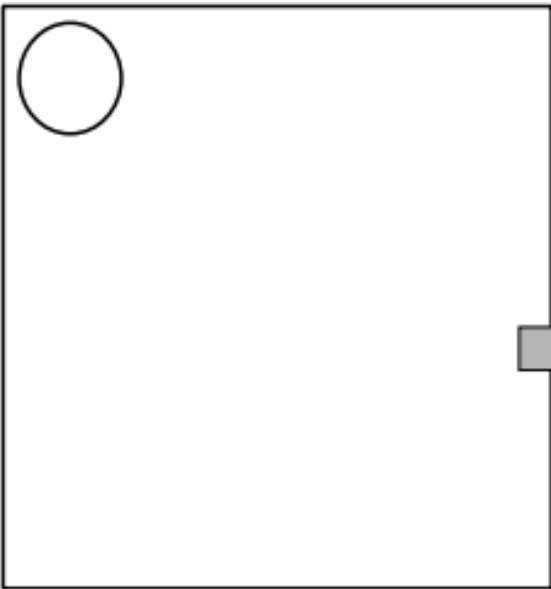
go to station 3

Solution



Multi-Step Equations Maze

Name _____



Multi-Step Equations Maze

