

## Solving Two-Step Equations

Directions: Solve each two-step equation. Use your answer to navigate through the maze. Show your work.

**START**

$2x - 4 = 10$        $20 + 3x = 23$        $\frac{x}{3} - 10 = -7$        $32 - 3x = 8$

$x = 7$        $x = 2$        $x = 9$

$x = -7$        $x = 1$        $x = -1$        $x = 8$

$4x + 1 = 12$        $1 - \frac{x}{2} = -1$        $4 - 5x = 9$        $2 - \frac{12}{x} = 6$

$x = -1$        $x = -2$        $x = 3$

$x = 6$        $x = 2$        $x = -\frac{1}{2}$        $x = -3$

$-2x + 6 = 2$        $12 + \frac{20}{x} = 10$        $-14x - 1 = 6$        $-2(x + 2) = -12$

$x = 2$        $x = -10$        $x = -4$

$x = -2$        $x = 10$        $x = 2$        $x = 4$

$2x - 5 = 12$        $\frac{2x}{-12} = -6$        $23 + 11x = 1$

$x = 7$        $x = 36$        $x = -2$

**Good Job!**

**The End**