

Solving Two-Step Equations

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

START $2x - 4 = 10$	$20 + 3x = 23$	$\frac{x}{3} - 10 = -7$	$32 - 3x = 8$
$x = 7$	$x = 2$	$x = 9$	
$x = -7$	$x = 1$	$x = -1$	$x = 8$
$4x + 1 = 12$	$1 - \frac{x}{2} = -1$	$4 - 5x = 9$	$2 - \frac{12}{x} = 6$
$x = -1$	$x = -2$	$x = 3$	
$x = 6$	$x = 2$	$x = -\frac{1}{2}$	$x = -3$
$-2x + 6 = 2$	$12 + \frac{20}{x} = 10$	$-14x - 1 = 6$	$-2(x + 2) = -12$
$x = 2$	$x = -10$	$x = -4$	
$x = -2$	$x = 10$	$x = 2$	$x = 4$
$2x - 5 = 12$	$\frac{2x}{-12} = -6$	$23 + 11x = 1$	
$x = 7$	$x = 36$	$x = -2$	
			