

Solving Two-Step Equations

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

START

$2x - 4 = 10$

$x = 7$

$20 + 3x = 23$

$x = 2$

$\frac{x}{3} - 10 = -7$

$x = 9$

$32 - 3x = 8$

$x = -7$

$x = 4$

$x = 1$

$x = -4$

$x = -1$

$x = \frac{1}{2}$

$x = 8$

$4x + 1 = 12$

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

$4 - 5x = 9$

$2 - \frac{12}{x} = 6$

$x = -1$

$x = -2$

$x = 3$

$x = 6$

$x = 4$

$x = 2$

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

$x = -3$

$-2x + 6 = 2$

$12 + \frac{20}{x} = 10$

$-14x - 1 = 6$

$-2(x + 2) = -12$

$x = 2$

$x = -10$

$x = -4$

$x = -2$

$x = 10$

$x = 14$

$x = 2$

$x = 4$

$2x - 5 = 12$

$\frac{2x}{-12} = -6$

$23 + 11x = 1$

$x = 7$

$x = 36$

$x = -2$

Good Job!

The End

Algebra1Coach.com