

2-Step Equations

Strategy – Use the Order of Operations in reverse using the opposite operation to isolate the variable.

Order of Operations

1. Parentheses
2. Exponentials
3. Multiply/Divide *from left to right*
4. Add/Subtract *from left to right*

A

1. $4x + 3 = 7$

2. $10x - 4 = 36$

3. $2x + 8 = 30$

4. $5x = 40$

5. $\frac{x}{3} - 4 = 6$

6. $\frac{x}{4} + 5 = 5$

B

$5x + 3 = 13$

$3x + 7 = 19$

$3x - 4 = 17$

$\frac{x}{2} + 3 = 13$

$\frac{x}{5} + 3 = 13$

$\frac{x}{2} - 3 = 8$