



Solve:

$$x + 5 = 12$$

This means:

| "A number plus 5 equals 12."

We want to find x .

Step 1: Remove 5 from both sides

$$x + 5 - 5 = 12 - 5$$

Step 2: Simplify

$$x = 7$$

 Answer:

$$x = 7$$

Simple Algebra Example 2

Solve:

$$2x = 10$$

This means:

“2 times a number equals 10.”

Step 1: Divide both sides by 2

$$\frac{2x}{2} = \frac{10}{2}$$

Step 2: Simplify

$$x = 5$$

 Answer:

$$x = 5$$

Simple Algebra Example 3

Solve:

$$3x + 4 = 19$$

$$3x + 4 = 19$$

Step 1: Remove 4 from both sides

$$3x + 4 - 4 = 19 - 4$$

$$3x = 15$$

Step 2: Divide by 3

$$\frac{3x}{3} = \frac{15}{3}$$

$$x = 5$$

 Answer:

$$x = 5$$



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