

21. Solving One-Step Equations

Solve the equation: find the value of **x** that makes the equation true

$$x + p = q \rightarrow x = q - p$$

$$p \cdot x = q \rightarrow x = q \div p$$

a)

$$x + 5 = 12 \rightarrow x = 7 \text{ (7+5=12✓)}$$

$$3x = 18 \rightarrow x = 6 \text{ (3} \times 6 = 18 \text{✓)}$$

b)

$$x + 8 = 15 \rightarrow x = \boxed{}$$

$$x + 12 = 20 \rightarrow x = \boxed{}$$

c)

$$4x = 20 \rightarrow x = \boxed{}$$

$$6x = 30 \rightarrow x = \boxed{}$$

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d)

$$x + 7 = 16 \rightarrow x = \boxed{}$$

$$5x = 35 \rightarrow x = \boxed{}$$

e)

$$x + 9 = 21 \rightarrow x = \boxed{}$$

$$7x = 42 \rightarrow x = \boxed{}$$

f)

$$x + 15 = 32 \rightarrow x = \boxed{}$$

$$9x = 54 \rightarrow x = \boxed{}$$