

## Solving Two-Step Equations Exit Quiz

**Part A Instructions:** Choose the option that completes the sentence or answers the question.

1. Which one of these is a two-step equation?

- a.  $cx + a = b$
- b.  $dy - c = k$
- c.  $\frac{x}{a} + g = h$
- d. All of these

2. What is the correct order of using mathematical operations when solving equations?

- a. Add/Subtract, Multiply/Divide, Parenthesis, Exponent
- b. Add/Subtract, Multiply/Divide, Exponent, Parenthesis
- c. Parenthesis, Exponent, Multiply/Divide, Add/Subtract
- d. None of these

3. To solve the equation  $2x - 3 = 12$ , what property will be used in step 1?

- a. Addition property of equality
- b. Multiplication property of equality
- c. Division property of equality
- d. Subtraction property of equality

4. To solve the equation  $\frac{x+6}{6} = 8$ , what property will be used in step 1?

- a. Addition property of equality
- b. Multiplication property of equality
- c. Division property of equality
- d. Subtraction property of equality

**Part B Instructions:** Answer the question below.

5. Find the solution of  $\frac{b}{4} - 1 = 15$ .

# Solving Two-Step Equations Exit Quiz

## Answers

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- c. Parenthesis, Exponent, Multiply/Divide, Add/Subtract
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**Part B Instructions:** Answer the question below.

5. Find the solution of  $\frac{b}{4} - 1 = 15$ .

$$\frac{b}{4} - 1 + 1 = 15 + 1$$

$$\frac{b}{4} = 16$$

$$4 \times \frac{b}{4} = 4 \times 16$$

$$b = 64$$