

## Solving Multi-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 multi-step equation?

- a.  $2x + 3 = 4$
- b.  $3y - 2y + 4 = 9$
- c.  $\frac{x}{5} + 1 = 5$
- d. None of these

2. Which of these is a method used for solving multi-step equations?

- a. Combining Like Terms
- b. Combining Unlike Terms
- c. Distributive Property and Combining Like Terms
- d. Both a and c

3. To solve the equation  $2x - 3x + 4 = 12$ , what will be the step 1 in solving it?

- a. Distributive Property
- b. Combining Like Terms
- c. Subtraction property of equality
- d. None of these

4. To solve the equation  $2x + 2(3 - x) = 8$ , what will be the step 1 in solving it?

- a. Distributive Property
- b. Combining Like Terms
- c. Subtraction property of equality
- d. None of these

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

5. Find the solution of  $\frac{t}{9} + 2\left(\frac{t}{18} + 4\right) = 10$ .

## Solving Multi-Step Equations Exit Quiz

### Answers

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

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

- a.  $2x + 3 = 4$
- b.  $3y - 2y + 4 = 9$
- c.  $\frac{x}{5} + 1 = 5$
- d. None of these

2. Which of these is a method used for solving multi-step equations?

- a. Combining Like Terms
- b. Combining Unlike Terms
- c. Distributive Property and Combining Like Terms
- d. Both a and c

3. To solve the equation  $2x - 3x + 4 = 12$ , what will be the step 1 in solving it?

- a. Distributive Property
- b. Combining Like Terms
- c. Subtraction property of equality
- d. None of these

4. To solve the equation  $2x + 2(3 - x) = 8$ , what will be the step 1 in solving it?

- a. Distributive Property
- b. Combining Like Terms
- c. Subtraction property of equality
- d. None of these

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

5. Find the solution of  $\frac{t}{9} + 2\left(\frac{t}{18} + 4\right) = 10$ .

    t = 9