

Solving & Writing Equations

Name: _____

Date: _____

1. What value of y makes the equation below true?

$$y + 2.9 = 11$$

- A.** 8.1 **B.** 8.9 **C.** 9.1 **D.** 13.9

2. What is the solution of the equation below?

$$x + 8.63 = 11.001$$

- A.** $x = 19.631$ **B.** $x = 10.138$ **C.** $x = 3.471$ **D.** $x = 2.371$

3. Solve the equation below.

$$0.3r = 2.1$$

- A.** $r = 0.7$ **B.** $r = 1.8$ **C.** $r = 7$ **D.** $r = 18$

4. What is the solution to the equation below?

$$4w = \frac{2}{3}$$

- A.** $w = \frac{2}{12}$ **B.** $w = \frac{2}{7}$ **C.** $w = \frac{8}{3}$ **D.** $w = 3\frac{1}{3}$

5. An equation is shown below.

$$12 - 9 + c = 12$$

What value of c makes the equation true?

- A.** 0 **B.** 3 **C.** 9 **D.** 12

6. Which equation has the solution $x = 2$?

- A.** $2x - 3 = 19$ **B.** $3x + 2 = 8$ **C.** $4x - 4 = -4$ **D.** $5x + 1 = 10$

7. Which equation is true when $n = 4$?

- A.** $2n = 6$ **B.** $n + 3 = 7$ **C.** $9 - n = 13$ **D.** $\frac{n}{12} = 3$

8. The set of numbers 1, 7, 11, and 36 contains values for m . What value of m makes the equation below true?

$$4m + 8 = 36$$

- A.** 1 **B.** 7 **C.** 11 **D.** 36