

Name : \_\_\_\_\_

## Two-Step Equations: Integers

Sheet 2

Solve each equation. Verify your answer.

1)  $\frac{9}{y+8} = 1$

2)  $-11 = 7 + \frac{m}{2}$

3)  $-3p + 16 = 7$

5)  $18 = 2a - 2$

7)  $2(x + 3) = 18$

9)  $-5k - 12 = k$

10)  $8 + s = 3s$

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## Answer Key

Sheet 2

### Two-Step Equations: Integers

Solve each equation. Verify your answer.

1)  $\frac{9}{y+8} = 1$

**$y = 1$**

2)  $-11 = 7 + \frac{m}{2}$

**$m = -36$**

3)  $-3p + 16 = 7$

**$p = 3$**

5)  $18 = 2a - 2$

**$a = 10$**

7)  $2(x + 3) = 18$

**$x = 6$**

9)  $-5k - 12 = k$

**$k = -2$**

10)  $8 + s = 3s$

**$s = 4$**

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**$3\frac{3}{4}$**

**$8w + 10$**