

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

## Two-Step Equations: Decimals

Sheet 3

Solve each equation. Verify your answer.

1)  $3c - 0.3 = 12$

2)  $-15.5 + 4h = -10 + 5h$

3)  $-7 = \frac{-11 + p}{1.3}$

$= -0.6$

5)  $-\frac{1}{12}(s - 14.6)$

$4 = 4.5g$

7)  $\frac{k}{6} + 5.9 = 3$

$5 + 2a$

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9)  $14.4n + 2.6 = 13.1n$

10)  $\frac{v - 8}{5.6} = -1.5$

**Answer Key****Two-Step Equations: Decimals**

Solve each equation. Verify your answer.

1)  $3c - 0.3 = 12$

**$c = 4.1$**

2)  $-15.5 + 4h = -10 + 5h$

**$h = -5.5$**

3)  $-7 = \frac{-11 + p}{1.3}$   $= -0.6$

**$p = 1.9$**

5)  $-\frac{1}{12}(s - 14.6)$   $4 = 4.5g$

**$s = 35$**

7)  $\frac{k}{6} + 5.9 = 3$   $5 + 2a$

**$k = -17.4$**

**$a = 9$**

9)  $14.4n + 2.6 = 13.1n$

**$n = -2$**

10)  $\frac{v - 8}{5.6} = -1.5$

**$v = -0.4$**

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