

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

## Two-Step Equations

Sheet 3

Solve each equation. Verify your answer.

1)  $\frac{4}{3} - 4\frac{3}{4}m = \frac{1}{2}$

2)  $0.1(h - 4) = 5.6$

3)  $\frac{q}{7} + 4 = -6$

5)  $\frac{w - \frac{5}{2}}{4} = -1$

7)  $\frac{9}{8}(4 + a) = 36$

9)  $-4.3s + 8.6 = 6.7 - 3.3s$

10)  $\frac{7}{5}v - \frac{3}{4} = \frac{1}{5}$

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**Answer Key****Two-Step Equations**

Solve each equation. Verify your answer.

1)  $\frac{4}{3} - 4\frac{3}{4}m = \frac{1}{2}$

2)  $0.1(h - 4) = 5.6$

**$m = \frac{10}{57}$**

**$h = 60$**

3)  $\frac{q}{7} + 4 = -6$

**$q = -70$**

5)  $\frac{w - \frac{5}{2}}{4} = -1$

**$w = -\frac{83}{2}$  or  $-41\frac{1}{2}$**

7)  $\frac{9}{8}(4 + a) = 36$

**$a = 28$**

**$t = 5.3$**

9)  $-4.3s + 8.6 = 6.7 - 3.3s$

10)  $\frac{7}{5}v - \frac{3}{4} = \frac{1}{5}$

**$s = 1.9$**

**$v = \frac{19}{28}$**

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