

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

## Two-Step Equations

Sheet 5

Solve each equation.

1)  $\frac{x}{\left(\frac{5}{3}\right)} - \frac{6}{7} = -\frac{3}{5}$

2)  $\frac{y + 3.4}{5.1} = 5$

3)  $\frac{7}{2}(5 + m) = 4$

$= \frac{1}{4}$

5)  $-7u - 3 = 23$

$= 22.6$

7)  $3.8(t + 2.6) =$

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9)  $\frac{z}{9} + \frac{5}{9} = 6z$

10)  $\frac{a - 6}{8.5} = -9.4$

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

Solve each equation.

1)  $\frac{x}{\left(\frac{5}{3}\right)} - \frac{6}{7} = -\frac{3}{5}$

**$x = \frac{3}{7}$**

2)  $\frac{y + 3.4}{5.1} = 5$

**$y = 22.1$**

3)  $\frac{7}{2}(5 + m) = 4$

**$m = 9$**

5)  $-7u - 3 = 23$

**$u = -\frac{26}{7}$  or  $-3\frac{6}{7}$**

7)  $3.8(t + 2.6) =$

**$t = 7.4$**

9)  $\frac{z}{9} + \frac{5}{9} = 6z$

**$z = \frac{5}{53}$**

10)  $\frac{a - 6}{8.5} = -9.4$

**$a = -73.9$**

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