

Name : _____

Two-Step Equations

Sheet 3

Solve each equation.

1) $9(b - 1) = 63$

2) $\frac{q + 9.5}{1.2} = -10$

3) $\frac{s}{6} - \frac{4}{9} = -\frac{4}{3}$

= 36

5) $0.3v + 9.2 =$

= $1\frac{3}{2}$

7) $\frac{4}{3} + \left(\frac{7}{2}x\right) =$

3

9) $\frac{-8 + t}{\left(-\frac{5}{4}\right)} = 4$

10) $-3.2m + 7.6 = -1.3m$

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Answer Key**Two-Step Equations**

Solve each equation.

1) $9(b - 1) = 63$

$b = 8$

2) $\frac{q + 9.5}{1.2} = -10$

$q = -21.5$

3) $\frac{s}{6} - \frac{4}{9} = -\frac{4}{3}$

$s = -\frac{16}{3}$ or 5

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5) $0.3v + 9.2 = 36$

$v = -70$

7) $\frac{4}{3} + \left(\frac{7}{2}x\right) = 3$

$x = -\frac{4}{105}$

9) $\frac{-8 + t}{\left(-\frac{5}{4}\right)} = 4$

$t = 3$

10) $-3.2m + 7.6 = -1.3m$

$m = 4$