

Name :

Score : Date :

Two-Step Equations Worksheet

Solve each equation.

① $\frac{x}{6} - 3 = -11$

② $\frac{1}{4}(8x + 12) = 7$

③ $1 - \frac{d}{4} = -7$

④ $42 + 5s = 8s$

⑤ $\frac{m}{4} - 9 = -5$

⑥ $3(n + 5) = -5$

⑦ $\frac{y - 3}{6} = 9$

⑧ $-1 = \frac{5 + v}{6}$

⑨ $\frac{p + 3}{2} = 7.5$

⑩ $-2 = 2 + \frac{p}{4}$

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Answers

① $\frac{x}{6} - 3 = -11$

$x = -48$

② $\frac{1}{4}(8x + 12) = 7$

$x = 2$

③ $1 - \frac{d}{4} = -7$

$d = 32$

④ $42 + 5s = 8s$

$s = 14$

⑤ $\frac{m}{4} - 9 = -5$

$m = 16$

⑥ $3(n + 5) = -5$

$x = -6\frac{2}{3}$

⑦ $\frac{y - 3}{6} = 9$

$y = 57$

⑧ $-1 = \frac{5 + v}{6}$

$v = -11$

⑨ $\frac{p + 3}{2} = 7.5$

$p = 12$

⑩ $-2 = 2 + \frac{p}{4}$

$p = -16$