

Name : _____

Score : _____ Date : _____

Two-Step Equations Worksheet

Solve each equation.

① $9x - 7 = -9$

② $8y + 7 = 31$

③ $17 - q = 6$

④ $1 + 2s = 35$

⑤ $11d + 3 = 14$

⑥ $\frac{x - 31}{4} = 3$

⑦ $-9v + 1 = -80$

⑧ $8(8 + y) = 100$

⑨ $\frac{x + 5}{-20} = -1$

⑩ $\frac{g + 9}{3} = 8$

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Two-Step Equations Worksheet

Answers

① $9x - 7 = -9$

$$x = -\frac{2}{9}$$

② $8y + 7 = 31$

$$y = 3$$

③ $17 - q = 6$

$$q = 11$$

④ $1 + 2s = 35$

$$s = 17$$

⑤ $11d + 3 = 14$

$$d = 1$$

⑥ $\frac{x - 31}{4} = 3$

$$x = 43$$

⑦ $-9v + 1 = -80$

$$v = 9$$

⑧ $8(8 + y) = 100$

$$y = 4\frac{1}{2}$$

⑨ $\frac{x + 5}{-20} = -1$

$$x = 15$$

⑩ $\frac{g + 9}{3} = 8$

$$g = 15$$