

Name : _____

Score : _____

Two-Step Equations Worksheet

Solve the given equations.

① $-10 - y = -\frac{5}{9}$

② $\frac{1}{6}x - 1 = 5$

③ $\frac{m}{2.8} - 4.9 = -7.11$

④ $-5.4 - 7.8x = -78.408$

⑤ $\frac{x+4}{3} = \frac{2}{9}$

⑥ $\frac{n}{10.44} - 2.9 = -4.42$

⑦ $\frac{2}{3}s - 6 = -1$

⑧ $\frac{p+2.4}{2} = 3.5$

⑨ $-6 + \frac{9}{2}l = 18$

⑩ $\frac{g-2}{12} = -2$

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Two-Step Equations Worksheet

Answers

① $-10 - y = -\frac{5}{9}$

$$y = -9\frac{4}{9}$$

② $\frac{1}{6}x - 1 = 5$

$$x = 36$$

③ $\frac{m}{2.8} - 4.9 = -7.11$

$$x = 6.188$$

④ $-5.4 - 7.8x = -78.408$

$$x = 9.36$$

⑤ $\frac{x+4}{3} = \frac{2}{9}$

$$x = -3\frac{1}{3}$$

⑥ $\frac{n}{10.44} - 2.9 = -4.42$

$$n = -15.86$$

⑦ $\frac{2}{3}s - 6 = -1$

$$s = 7\frac{1}{2}$$

⑧ $\frac{p+2.4}{2} = 3.5$

$$p = 4.6$$

⑨ $-6 + \frac{9}{2}l = 18$

$$l = 5\frac{1}{3}$$

⑩ $\frac{g-2}{12} = -2$

$$g = -22$$