

Name : _____

Score : _____

Two-Step Equations

Solve the given equations.

① $-10x + 6 = 74$

② $\frac{x}{2} - 4 = 0$

③ $3 + 5x = -47$

④ $3 + 15x = -150$

⑤ $10 + \frac{x}{3} = 4$

⑥ $-2 = 2 + \frac{x}{4}$

⑦ $-10 = 10(x - 9)$

⑧ $6 + 2x = 138$

⑨ $\frac{x}{4} - 2 = 5$

⑩ $\frac{1}{6}(x + 12) = -4$

Name : _____

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Two-Step Equations

Answers

① $-10x + 6 = 74$

$$x = -6\frac{8}{10}$$

② $\frac{x}{2} - 4 = 0$

$$x = 8$$

③ $3 + 5x = -47$

$$x = -10$$

④ $3 + 15x = -150$

$$x = -10\frac{3}{15}$$

⑤ $10 + \frac{x}{3} = 4$

$$x = -18$$

⑥ $-2 = 2 + \frac{x}{4}$

$$x = -16$$

⑦ $-10 = 10(x - 9)$

$$x = 8$$

⑧ $6 + 2x = 138$

$$x = 66$$

⑨ $\frac{x}{4} - 2 = 5$

$$x = 28$$

⑩ $\frac{1}{6}(x + 12) = -4$

$$x = -36$$