

Name : _____

Score : _____ Date : _____

Two-Step Equations: Worksheet

Solve.

① $3x + 4 = 22$

② $\frac{q - 32}{4} = 8$

③ $-7v + 2 = -47$

④ $144 = -12(x + 5)$

⑤ $-8 + \frac{x}{4} = -7$

⑥ $0 = 4 + \frac{n}{5}$

⑦ $\frac{y}{5} + 5 = -30$

⑧ $13 = \frac{s - 14}{2}$

⑨ $2p + 12 = 8p$

⑩ $6 = \frac{t}{4} + 2$

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Answers

① $3x + 4 = 22$

$x = 6$

③ $-7v + 2 = -47$

$v = 7$

⑤ $-8 + \frac{x}{4} = -7$

$x = 1$

⑦ $\frac{y}{5} + 5 = -30$

$y = -135$

⑨ $2p + 12 = 8p$

$p = 2$

② $\frac{q - 32}{4} = 8$

$q = 64$

④ $144 = -12(x + 5)$

$x = -17$

⑥ $0 = 4 + \frac{n}{5}$

$n = -20$

⑧ $13 = \frac{s - 14}{2}$

$s = 40$

⑩ $6 = \frac{t}{4} + 2$

$t = 16$