

One-Step Equations | Solve and Verify

Answer Key

Solve each equation and verify your answer.

1) $5 = \frac{7}{6}b$

$b = \underline{\frac{30}{7} \text{ or } 4\frac{2}{7}}$

2) $d - 12 = 5$

$d = \underline{17}$

3) $n + \frac{4}{9} = -\frac{5}{7}$

$n = \underline{-\frac{73}{63} \text{ or } -1\frac{10}{63}}$

4) $-\frac{u}{3} = -0.8$

$u = \underline{2.4}$

5) $\frac{t}{(-\frac{8}{5})} = -5$

$t = \underline{8}$

6) $\frac{2}{7} = v - 4$

$v = \underline{\frac{30}{7} \text{ or } 4\frac{2}{7}}$

7) $3\frac{2}{9} = c + 6$

$c = \underline{-\frac{25}{9} \text{ or } -2\frac{7}{9}}$

8) $-3.2 = p - 8$

$p = \underline{4.8}$

9) $2q = -14$

$q = \underline{-7}$

10) $5.3 + r = -2$

$r = \underline{-7.3}$