

One-Step Equations | Solve and Verify

Answer Key

Solve each equation and verify your answer.

1) $3\frac{1}{7} = r - 3$

$r = \underline{\frac{43}{7} \text{ or } 6\frac{1}{7}}$

2) $\frac{1}{8}t = -5$

$t = \underline{-40}$

3) $-8 = \frac{b}{\left(\frac{3}{8}\right)}$

$b = \underline{-3}$

4) $q - 4.5 = -12$

$q = \underline{-7.5}$

5) $3 + w = 8$

$w = \underline{5}$

6) $2.3 = 15 + p$

$p = \underline{-12.7}$

7) $\frac{d}{5.5} = -9$

$d = \underline{-49.5}$

8) $\frac{2}{9} + a = 1\frac{1}{5}$

$a = \underline{\frac{44}{45}}$

9) $14 = 56 + z$

$z = \underline{-42}$

10) $v - 6 = -2\frac{3}{5}$

$v = \underline{\frac{17}{5} \text{ or } 3\frac{2}{5}}$