

Two-Step Equations | Solve and Verify

Answer Key

Solve each equation and verify your answer.

1) $3d - 15.8 = -1.7 + 2d$

$d = \underline{\quad 14.1 \quad}$

2) $\left(\frac{m}{-\frac{3}{8}}\right) + \frac{3}{2} = -\frac{7}{6}$

$m = \underline{\quad 1 \quad}$

3) $-\frac{3}{7}b = \frac{5}{3} - \frac{6}{7}b$

$b = \underline{\quad \frac{35}{9} \text{ or } 3\frac{8}{9} \quad}$

4) $1.2v - 2.9 = -1.1$

$v = \underline{\quad 1.5 \quad}$

5) $\frac{7}{3}(x - 3) = 1\frac{4}{3}$

$x = \underline{\quad 4 \quad}$

6) $-\frac{5}{6} + \frac{5}{6}r = \frac{1}{6}$

$r = \underline{\quad \frac{6}{5} \text{ or } 1\frac{1}{5} \quad}$

7) $-14 = 8.4 + 7s$

$s = \underline{\quad -3.2 \quad}$

8) $8w - 16 = 9w + 9$

$w = \underline{\quad -25 \quad}$

9) $6 + 2z = 4z$

$z = \underline{\quad 3 \quad}$

10) $3t - 2\frac{2}{7} = -\frac{16}{7}$

$t = \underline{\quad 0 \quad}$