Two-Step Equations

Solve each equation. Verify your answer.

1) \(-4.6 = 1.1 - 0.3k\)

2) \(2\frac{2}{3} = 3\frac{4}{6} + 7r\)

3) \(\frac{2}{5} = \frac{6}{5} (3 + p)\)

4) \(2.4v - 8.7 = 11.7\)

5) \(-4.6 = 1.1 - 0.3k\)

6) \(= 5 g + 11\)

7) \(\frac{g + 11}{7} = 5\)

8) \(\frac{9}{5}c - \frac{5}{3} = \frac{4}{3}\)

9) \(0.7z + 6 = 3.9\)

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Solve each equation. Verify your answer.

1) \(-4.6 = 1.1 - 0.3k\)
   \[ k = 19 \]
2) \[\frac{2}{3} = \frac{3}{6} + 7r\]
   \[ r = -\frac{1}{7} \]
3) \[\frac{2}{5} = \frac{6}{5} \left(\frac{4}{3} + p\right)\]
   \[ p = -1 \]
4) \[2.4v - 8.7 = 11.7\]
   \[ v = 8.5 \]
5) \[g = 24\]
6) \[\frac{g + 11}{7} = 5\]
   \[ g = 24 \]
7) \[\frac{9}{5}c - \frac{5}{3} = \frac{4}{3}\]
   \[ c = \frac{5}{3} \text{ or } 1\frac{2}{3} \]
8) \[0.7z + 6 = 3.9\]
   \[ z = -3 \]