



Solving Two Step Equations

Name _____

Score _____

TS:08

Solve each equation.

1) $\frac{k - 1}{\left(\frac{6}{7}\right)} = -14$

2) $2\frac{1}{2}g + 1 = 6$

3) $2w + \frac{3}{4} = \frac{5}{8}$

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

5) $\frac{1}{2}t - 1 = \frac{1}{3}$

6) $\frac{q}{\left(\frac{1}{4}\right)} + \frac{3}{8} = \frac{3}{4}$

7) $3\left(a + \frac{5}{6}\right) = -\frac{1}{2}$

8) $\frac{d - 1}{\left(\frac{7}{9}\right)} = 27$



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Answer key

TS:08

Solve each equation.

1) $\frac{k - 1}{\left(\frac{6}{7}\right)} = -14$

$k = -11$

2) $2\frac{1}{2}g + 1 = 6$

$g = 2$

3) $2w + \frac{3}{4} = \frac{5}{8}$

$w = -\frac{1}{16}$

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

$n = 5$

5) $\frac{1}{2}t - 1 = \frac{1}{3}$

$t = \frac{8}{3}$ or $2\frac{2}{3}$

6) $\frac{q}{\left(\frac{1}{4}\right)} + \frac{3}{8} = \frac{3}{4}$

$q = \frac{3}{32}$

7) $3\left(a + \frac{5}{6}\right) = -\frac{1}{2}$

$a = -1$

8) $\frac{d - 1}{\left(\frac{7}{9}\right)} = 27$

$d = 22$