Solving Two Step Equations

Solve each equation.

1) $\dfrac{u}{5} - \dfrac{1}{4} = \dfrac{3}{4}$

2) $\dfrac{q}{2} + 1 = -6$

3) $3t + \dfrac{1}{8} = \dfrac{1}{2}$

4) $-6(m - 10) = 66$

5) $\dfrac{d - 2.6}{8} = 1.5$

6) $5g + 3.3 = 2.9$

7) $\dfrac{k}{3.5} - 1 = 2.4$

8) $\dfrac{n + 3}{6} = -2$

Solving Two Step Equations

Answer key

Solve each equation.

1) $\dfrac{u}{5} - \dfrac{1}{4} = \dfrac{3}{4}$

u = 5

2) $\dfrac{q}{2} + 1 = -6$

q = −14

3) $3t + \dfrac{1}{8} = \dfrac{1}{2}$

t = $\dfrac{1}{8}$

4) $-6(m - 10) = 66$

m = −1

5) $\dfrac{d - 2.6}{8} = 1.5$

d = 14.6

6) $5g + 3.3 = 2.9$

g = −0.08

7) $\dfrac{k}{3.5} - 1 = 2.4$

k = 11.9

8) $\dfrac{n + 3}{6} = -2$

n = −15