

Two-Step Equations: Integers

Sheet 1

Solve each equation. Verify your answer.

1) $4(a + 1) = 2$

2) $3 - 9x = -6 - 8x$

3) $16 - 7m = 30$

4) $\frac{5+s}{8} = 5$

5) $-4 + 5r = r$

6) $10y - 6 = 24$

7) $6 = \frac{k}{5} - 2$

8) $-9p = 44 + 2p$

9) $-3w + 7 = -14$

10) $\frac{z-6}{2} = 8$

Answer Key**Two-Step Equations: Integers**

Sheet 1

Solve each equation. Verify your answer.

1) $4(a + 1) = 2$

$a = -\frac{1}{2}$

2) $3 - 9x = -6 - 8x$

$x = 9$

3) $16 - 7m = 30$

$m = -2$

4) $\frac{5+s}{8} = 5$

$s = 35$

5) $-4 + 5r = r$

$r = 1$

6) $10y - 6 = 24$

$y = 3$

7) $6 = \frac{k}{5} - 2$

$k = 40$

8) $-9p = 44 + 2p$

$p = -4$

9) $-3w + 7 = -14$

$w = 7$

10) $\frac{z-6}{2} = 8$

$z = 22$