

Two-Step Equations: Integers

Sheet 6

Solve each equation.

1) $-15x - 9 = 36$

2) $-24 = 6(10 + z)$

3) $-4 = \frac{a - 1}{2}$

4) $-s + 11 = 17$

5) $\frac{h}{3} + 18 = 18$

6) $32 = 4(n - 5)$

7) $-8(g + 12) = 24$

8) $9b - 21 = 8b - 7$

9) $\frac{m}{4} - 8 = 12$

10) $-10 = \frac{y}{6} - 14$

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

Sheet 6

Solve each equation.

1) $-15x - 9 = 36$

$x = -3$

2) $-24 = 6(10 + z)$

$z = -14$

3) $-4 = \frac{a - 1}{2}$

$a = -7$

4) $-s + 11 = 17$

$s = -6$

5) $\frac{h}{3} + 18 = 18$

$h = 0$

6) $32 = 4(n - 5)$

$n = 13$

7) $-8(g + 12) = 24$

$g = -15$

8) $9b - 21 = 8b - 7$

$b = 14$

9) $\frac{m}{4} - 8 = 12$

$m = 80$

10) $-10 = \frac{y}{6} - 14$

$y = 24$