

Name : \_\_\_\_\_

## Two-Step Equations: Integers

Sheet 1

Solve each equation. Verify your answer.

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

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

3)  $16 - 7m = 30$

5)  $-4 + 5r = r$

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

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

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

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## Answer Key

Sheet 1

### Two-Step Equations: Integers

Solve each equation. Verify your answer.

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

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

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

$x = 9$

3)  $16 - 7m = 30$

$m = -2$

5)  $-4 + 5r = r$

$r = 1$

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

$k = 40$

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

$w = 7$

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

$z = 22$

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