

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

## Multi-Step Equations: Integers

Level 2: S5

Solve each equation.

1)  $10g - 20 = -2(4g - 5) + 8g$

2)  $18 = \frac{12(8 - 2w)}{3} + 3w$

3)  $-21 + 4v = 6v$

5)  $30 - (15s - 10) = 3$

7)  $2c - 16 = \frac{-2(-8c)}{4} + 10$

8)  $11(a - 4) = 2(-2a + 23)$

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## Answer Key

### Multi-Step Equations: Integers

Level 2: S5

Solve each equation.

1)  $10g - 20 = -2(4g - 5) + 8g$

2)  $18 = \frac{12(8 - 2w)}{3} + 3w$

$g = 3$

$w = 14 \text{ or } 2\frac{4}{5}$

3)  $-21 + 4v = 6v$

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$v = -2$

5)  $30 - (15s - 10) = 49 + 4p$

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$s = 1$

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7)  $2c - 16 = \frac{-2(-8c)}{4} + 10$

8)  $11(a - 4) = 2(-2a + 23)$

$c = -13$

$a = 6$