

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

## Multi-Step Equations

Mixed Review: S5

Solve each equation.

1)  $3(-h + 7) + 4(-6h + 3) = 6h$

2)  $8.8 = 2.2(6.4 - 2k)$

3)  $5\left(2b + \frac{1}{8}\right) = 9$

# PREVIEW

$= -4$

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5)  $\frac{3.1(1.4c) + 0}{2}$

$\frac{10}{9} - n$

7)  $\frac{3a + 8}{3} = \frac{1}{4}(2 + a)$

8)  $9.2 = \frac{2(6g - 1)}{5}$

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## Answer Key

### Multi-Step Equations

Mixed Review: S5

Solve each equation.

1)  $3(-h + 7) + 4(-6h + 3) = 6h$

2)  $8.8 = 2.2(6.4 - 2k)$

$h = 1$

$k = 1.2$

3)  $5\left(2b + \frac{1}{8}\right) = 9$

# PREVIEW

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$b = \frac{1}{22}$

5)  $\frac{3.1(1.4c) + 0}{2}$

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$\frac{10}{9} - n$

$c = 22$

7)  $\frac{3a + 8}{3} = \frac{1}{4}(2 + a)$

8)  $9.2 = \frac{2(6g - 1)}{5}$

$a = -\frac{26}{9}$  or  $-2\frac{8}{9}$

$g = 4$