

Name : _____

Multi-Step Equations: Integers

Level 2: S3

Solve each equation.

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

2) $5(4r - 2) + 10 = 6(r + 14)$

3) $3 = -9(s - 5)$

5) $-15a = -(6 +$

$)(-g + 13 + 6g) + 20$

7) $\frac{6h - 4(4h) + 10}{3} = 5(h + 1)$

8) $-2(7 + 10y) = 3(10y + 12)$

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Answer Key

Multi-Step Equations: Integers

Level 2: S3

Solve each equation.

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

2) $5(4r - 2) + 10 = 6(r + 14)$

$x = -4$

$r = 6$

3) $3 = -9(s - 5)$

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$s = -7$

5) $-15a = -(6 +$

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$)(-g + 13 + 6g) + 20$

$a = 3$

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7) $\frac{6h - 4(4h) + 10}{3} = 5(h + 1)$

8) $-2(7 + 10y) = 3(10y + 12)$

$h = -\frac{1}{5}$

$y = -1$