

Name : _____

Multi-Step Equations: Integers

Level 2: S1

Solve each equation.

1) $6 + \frac{3z + 1}{8} = 2z + 11$

2) $\frac{3(7n + 13)}{12n + 15} = 2$

3) $11(b + 18) - 4$

PREVIEW

$+ 4w = \frac{6w}{2}$

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5) $\frac{m - 15}{2} = \frac{3}{4}$

$= -(k - 3)$

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7) $3(2r - 14) - 3r = 13(r - 4)$

8) $2 + 3c = -2(-2c + 6)$

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Answer Key

Multi-Step Equations: Integers

Level 2: S1

Solve each equation.

1) $6 + \frac{3z + 1}{8} = 2z + 11$

2) $\frac{3(7n + 13)}{12n + 15} = 2$

$z = -3$

$n = 2$

3) $11(b + 18) - 4$

$+ 4w = \frac{6w}{2}$

PREVIEW

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$b = -52$

5) $\frac{m - 15}{2} = \frac{3}{1}$

$= -(k - 3)$

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$m = 12$

7) $3(2r - 14) - 3r = 13(r - 4)$

8) $2 + 3c = -2(-2c + 6)$

$r = 1$

$c = 14$