

Name : _____

Two-Step Equations: Integers

Sheet 3

Solve each equation. Verify your answer.

1) $3n + 8 = 29$

2) $1 + 6c = -13$

3) $\frac{q-4}{9} = 2$

5) $11 + 15v = -$

7) $19 - 13w = -$

9) $3 + \frac{p}{12} = 8$

10) $2(u + 7) = 30$

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Answer Key

Sheet 3

Two-Step Equations: Integers

Solve each equation. Verify your answer.

1) $3n + 8 = 29$

$n = 7$

2) $1 + 6c = -13$

$c = -\frac{7}{3}$ or $-2\frac{1}{3}$

3) $\frac{q-4}{9} = 2$

$q = 22$

5) $11 + 15v = -1$

$v = -\frac{17}{15}$ or $-1\frac{2}{15}$

7) $19 - 13w = -1$

$w = 2$

9) $3 + \frac{p}{12} = 8$

$p = 60$

10) $2(u + 7) = 30$

$u = 8$

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