

Name : _____

Multi-Step Equations

Sheet 3

Solve each equation. Verify your answer.

1) $13m = 3(-3 + 4m) - 5$

2) $\frac{6-k}{4} = 5 - k - 2$

3) $8(2p + 1) = 3$

$o + 5) = 25$

5) $\frac{8}{-4y - 8 + 5y}$

$5s - 4 + 8s) + s$

7) $6(g - 1) = 2(1 + g)$

8) $3(u + 1) - 7u + 10 = u - 7$

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Answer Key

Sheet 3

Multi-Step Equations

Solve each equation. Verify your answer.

1) $13m = 3(-3 + 4m) - 5$

2) $\frac{6-k}{4} = 5 - k - 2$

$m = -14$

$k = 2$

3) $8(2p + 1) = 3$

$5p + 5) = 25$

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$p = -5$

5) $\frac{8}{-4y - 8 + 5y}$

$5s - 4 + 8s) + s$

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$y = 12$

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7) $6(g - 1) = 2(1 + g)$

8) $3(u + 1) - 7u + 10 = u - 7$

$g = 2$

$u = 4$