

Name : _____

Multi-Step Equations

Sheet 2

Solve each equation. Verify your answer.

1) $3(3r - 4) = 8 - r$

2) $8z + 3 - 6z = 2z - 15 - 2(3z)$

3) $\frac{4t - 8 + 5t}{7} =$

PREVIEW

$2(4u + 10) + 20$

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5) $\frac{9 - v}{6} = \frac{-v + 3}{3}$

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$= (4k - 2)$

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7) $4 + 3m - 2(10 + 4m) = -(6m + 2)$

8) $3(-c + 3) = 5(c + 6) + 11$

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Answer Key

Sheet 2

Multi-Step Equations

Solve each equation. Verify your answer.

1) $3(3r - 4) = 8 - r$

2) $8z + 3 - 6z = 2z - 15 - 2(3z)$

$r = 2$

3) $\frac{4t - 8 + 5t}{7} =$

PREVIEW

$2(4u + 10) + 20$

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$t = 25$

5) $\frac{9 - v}{6} = \frac{-v + 1}{3}$

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$= (4k - 2)$

$v = 15$

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7) $4 + 3m - 2(10 + 4m) = -(6m + 2)$

8) $3(-c + 3) = 5(c + 6) + 11$

$m = 14$

$c = -4$