

Solving Equations Practice Worksheet

Name: _____

Period: _____

Solve all these equations for the variable and check your work.

1. $3h - 5h + 11 = 17$

2. $-4x + 3(2x - 5) = 31$

3. $-3(t - 12) = 27$

4. $-4d + 2(3 + d) = -14$

5. $\frac{3}{4}m = -9$

6. $5(t - 3) - 2t = -30$

7. $-w + 4(w + 3) = -12$

8. $\frac{y}{5} - 8 = 42$

Solving Equations

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Solve each equation for the variable AND check your solution. You should only have one step per line, which means only one operation completed at a time!

1. $3(4x - 9) = -75$

2. $-6x - 12 + 16 = -44$

3. $-2(3x - 5) = 46$

4. $-(-7x - 12) = 5$

5. $-5x - 15 = 45$

6. $-4x(9 - 12) = -36$

7. $-12 - x = -10$

8. $\frac{x}{8} + 1 = 6$