

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 3B.1 - Solving Multi-Step Equations

#1-6, Solve each equation.

1. $7 - 4y - 6y + 13 = 30$

2. $c + (c + 2) + (c + 4) = 27$

3. $42 = 2x - 3(x + 1) - (5x - 3)$

4. $3n + 4(n - 9) = -78$

5. $-9 - (8 - 5t) + 2(t + 3) = 31$

6. $\frac{1}{2} [6x + 4(2x - 8)] = -51$

7. The length of a rectangular sign is 10 ft less than twice the width. Find the length and the width of the sign if its perimeter is 118 ft.