Worksheet 10   **"Does Your Work Match the Answer?"**

I'm giving you the correct answer, and you need to show how your work gets that answer.

1) $11x + 42 = 3x + 50$ $x = 1$

2) $24 = 5(h - 1) + 9$ $h = 4$

3) $\frac{y}{6} + 1 = -4$ $y = -30$

4) $40 - 2(d + 5) = 20$ $d = 5$

5) $10y + 9 - 3y + 1 = 59$ $y = 7$

6) $-52 = 4(x - 8) - 2(x - 5)$ $x = -15$

7) $2x + 7 = x + 7$ $x = 0$

8) $\frac{1}{2}(4x - 3) = 2x + 5$ no solution

9) $9x = 5 - 10(2 - x)$ $x = 15$

10) $4(x - 1) = 3 - 4x - 1$ $x = \frac{3}{4}$ or 0.75