

**Practice: Multi-Step Equations**  
SOL 8.15a

**I. Solve each equation.**

1) $-2x + 6 = 8$	2) $15 = 5x - 3$	3) $4(x - 3) = 4$
4) $6 = \frac{x}{2} - 4$	5) $2 - 4x + 8 = 18$	6) $\frac{x}{7} + 1 = 21$
7) $-3(6 + 2x) = 9$	8) $9x - 5 = 8x + 6$	9) $4x + 4 = 6x - 2$

**II. Translate this situation into an equation. Solve your equation and check your solution.**

- 10) A gym charges \$9.95 per month for a membership and \$3.25 for each cycling class. If Mary's total bill for one month was \$39.20, how many classes did she take?