NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mr. Tallman

**Homework #58 – Solving Equations with Variables on Both Sides**

**Directions: For each problem, solve for x. Show each step clearly. You must show all work.**

1) 2x + 10 = -4x + 34

2) 5(x + 3) = 7(x – 4)

3) ½(4x – 20) = 6(x + 5) – 8x