

## Solving Equations w/variables on both sides HW-2 Date \_\_\_\_\_ Period \_\_\_\_\_

**Solve each equation.**

1)  $n + 2 = 3 + 4n + 7 - 4n$

2)  $-13 + 4b = b + 2$

3)  $4r - 8 = r - 5$

4)  $1 + 6x = 3x + 4x - 3$

$$5) 40 - 7n = -5(5 + 4n)$$

$$6) -25 - 7a = 6(7a + 4)$$

$$7) -4x - 37 = 7 - 4(-7x - 5)$$

$$8) -5 + 8(n + 5) = 14 + n$$

$$9) -3n - 2n = 5(5n - 3) - 5(4n + 7)$$

$$10) -6(r + 4) + 2r = 8(r - 6)$$