Pre-Algebra: Week 3 Day 4 Name_____

Solving Equations With Variables on Both Sides of the Equal Sign

Solve each equation.

1) $2a - 8a = 12 - 8a$

2) $r - 6 = 6 + 4r$

3) $1 + 4x = -5 + 7x$

4) $5r - 2 = 6r + 5$

5) $5x + 7 = -14 + 8x$

6) $-2 + 5n = 4n + 2$

7) $4p - 3 = -9 + 7p$

8) $-k - 5k = -5k - 4$

9) $3 + 5n = 1 + 8n + 2$

10) $5x + 12 = 4x + 6$

11) $-8x - 14 = 7(-2 - 4x) + 4x$

12) $16 - 2n = -8 + 4(n - 3)$

13) $-6(3 - 6r) = -18 + 4r$

14) $4(3b - 1) = 9 - b$

15) $-6x + 7(1 - x) = -4(x - 4)$

16) $5 - (8v + 5) = -4(1 + 3v)$

17) $-8(4 + 4n) = 8(n + 6)$

18) $3(a - 6) = -5a - (7 + 3a)$