

Solving Equations with Variables on Both Sides HW-1 Date _____ Period _____

Solve each equation.

1) $-16 - n = -18$

2) $5 - n = 19$

3) $3x - 7 = -46$

4) $162 = -9 + 9p$

5) $-98 = -2(1 + 6x)$

6) $8a - 2 = 9 + 6a - 3 + 4$

$$7) 6 - 2k = 5k - 6k$$

$$8) 5x + 1 = 9 + 7x$$

$$9) 7(7r + 2) + 1 = -37 - 3r$$

$$10) 5(6x - 3) = -15 + 3x$$

$$11) -18 + 5k = 6(k - 6) + 5k$$

$$12) 5(-4 - x) = -3 + 2(2 - 4x)$$