

## Solving Equations Worksheet #1

Date \_\_\_\_\_

**Solve each equation.**

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

2)  $x + 5 - 5x = -7 + 2x$

3)  $-8 + 7v = -2 + 7v$

4)  $-\frac{7}{4}n - \frac{15}{4}n = -\frac{1}{2}n - \frac{8}{3}n - \frac{7}{2}$

5)  $\frac{3}{2}n + 2n = \frac{65}{8} + \frac{1}{4}n$

6)  $-20 + 4n = -4(2n + 2)$

$$7) -10 - n = 3(2 - 3n)$$

$$8) x - (x + 1) = 4x - 9$$

$$9) 3(-4 - 4n) = 20 - 4n$$

$$10) -2(1 + m) = -(m + 1) - 2$$

$$11) 7 - 3(x + 2) = -(3x + 11)$$

$$12) -7(10n - 6) + 12n = -6(-7 + 3n)$$