

**Equations Worksheet 11**

Solve each equation and simplify each expression. Remember to show your work.

**1.**  $\frac{x}{4} = 8$

**2.**  $16 = 2x$

**3.**  $18 = m + 20$

**4.**  $-8 = n + 4$

**5.**  $n - 2 = -6$

**6.**  $2x + 4 = 8$

**7.**  $8 + 4x = 16$

**8.**  $5x = -75$

**9.**  $4 + 3x = -11$

**10.**  $0.5(6x - 4y) - 2(3x - 2y)$

**11.**  $-4(2x - 1) - (3x + 2)$

**12.**  $-2x(3x - 2)$

**13.**  $-3(x - 2)$