

**Multi-Step Equations**

Solve each equation.

(1)  $-2x + -4x = 4x$

(2)  $4 + 1 = 2x + 3$

(3)  $8x + 2 = -6 + 7x$

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

(5)  $3m + 8 = 2m$

(6)  $p + 1 = 3p + 2p - 8$

(7)  $2p + 10 = 8p + 4$

(8)  $p - 4 = -8 + p$

(9)  $-6 = -2(x + 4)$

(10)  $12 = -4(-4x + 1)$

(11)  $10 = 2(p + 1)$

(12)  $x^2 + 4x = 2$

(13)  $-31 + 5x = 4(1 + 2x)$

(14)  $5x + 24 = -2(1 + 5x)$

(15)  $2(4x - 3) + 8 = 4 + 2x$

(16)  $3x - 5 = -3(5 + 3x)$