


Mixed Equations

Name: _____

Date: _____

 Solve the equations. Complete \bigcirc 's first, \square 's second, and \triangle 's last.

$$\square (1) -45 = 3(2x - 3)$$

$$\square (2) -3(3x - 4) = 57$$

$$\square (3) 17 = 7x - 2(3x - 4)$$

$$\bigcirc (4) 14 - 2x = 3x - 6$$

$$\bigcirc (5) -10 + x = 8 - 2x$$

$$\bigcirc (6) 4 - 3x = -2x - 3$$

$$\triangle (7) -6 = \frac{-5x - 2}{2}$$

$$\triangle (8) \frac{4x - 2}{3} = 6$$

$$\square (9) -2x + 3(x + 4) = 4$$

$$\square (10) 39 = -5x - 2(-6x - 2)$$

Writing Linear Equations

Write the slope-intercept form of the equation of each line.

1) $3x - 2y = -16$

2) $13x - 11y = -12$

3) $9x - 7y = -7$

4) $x - 3y = 6$

5) $6x + 5y = -15$

6) $4x - y = 1$

7) $11x - 4y = 32$

8) $11x - 8y = -48$