Homework review

$$M = \frac{(y_2 - y_1)}{(x_2 - x_1)}$$

$$\frac{5}{6} = \frac{(4 - 1)}{(x - 6)}$$

$$5(x - 6) = 6(5)$$

$$5x - 30 = 30$$

$$5x - 30 = 30$$

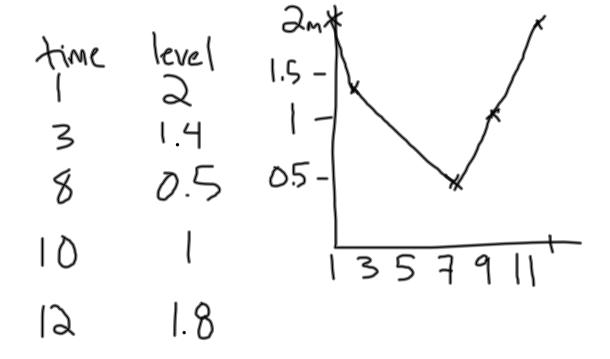
$$5x - 30 = 30$$

$$5x - 30 = 430$$

$$(x,4) (x,4) (x,$$

#19)
$$\frac{dw_1}{4}$$
 6.00
 $\frac{5}{6}$ 8.25
 $\frac{10.50}{6-5}$ $W = \frac{10.50-8.25}{6-5}$
 $\frac{12.75}{6}$ $\frac{2.25}{6}$
the lost of $\frac{2.25}{6}$

#36)



Practice B For use with pages 243-250

Identify the slope and y-intercept of the line with the given equation.

1.
$$y = 5x - 4$$
 $M = \frac{y_2 - y_1}{x_2 - x_1}$ 2. $y = 10 - 4x$ $M = \frac{y_2 - y_1}{x_2 - x_1}$ 3. $9x + y = 8$
 $x \mid y = \frac{5(6)}{16} = \frac{4}{2 - 1} = \frac{5}{16} = \frac{1}{2} = \frac{4}{2 - 1} = \frac{4}{16} = \frac{4}{16}$

y=M x +b: this is a linear equation (when graphed, it's a line) M = Slope of the line b = y-intercept of the line

$$\frac{3d2}{5} \times + \frac{7}{9}y = \frac{-3d2}{5} \times -41$$

$$\frac{9}{7} = \frac{-3d2}{5} \times -41$$

$$\frac{9}{7} = \frac{-3229}{35} \times -\frac{419}{7}$$

$$\frac{9}{7} = \frac{-2898}{35} \times -\frac{369}{7} = \frac{-369}{7} = \frac{369}{7} = \frac{369}{7}$$

$$\frac{6}{1} \qquad y = 6x + 49 \qquad y - intercept$$

$$5 | ope = \frac{1 \text{ rise}^{11}}{|| \text{rin}||}$$

$$y = -3x + 2$$

$$y = -3x + 2$$

$$y = -3x + 1$$

$$y = -5x + 1$$

$$y = -5x + 1$$

Homework:

p. 247 2-38 (even), 40