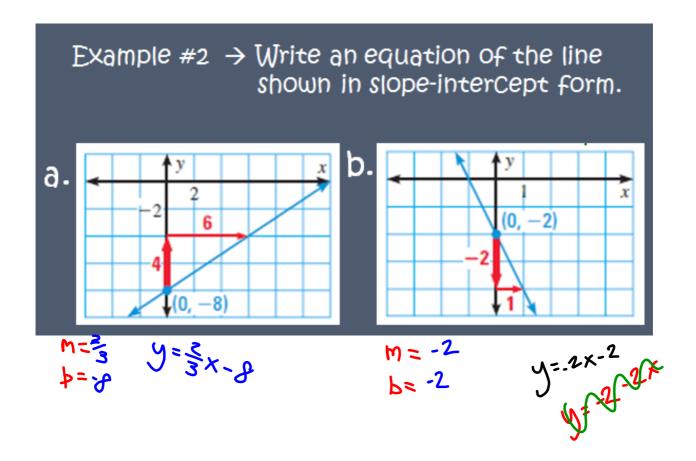


Example #1 -> Write an equation of the line with the given slope and y-int.

Slope =
$$2/3$$
 and y-int. = -9

$$y = \frac{2}{3}x - 9$$



$$(2, -7), (0, -5)$$

$$\frac{y_2-y_1}{x_2-x_1} = \frac{-5+7}{0-2} = \frac{2}{-2} = -1$$

 Example #5 \rightarrow Write an equation that represents the linear function shown in the table.

	y		
Х	f(x)		
			m=3
-2	-6	(-2,-6)	$\frac{-3-0}{-1-0} = \frac{-3}{-1}$ b=0
-1	-3	(-1,-3)	y =
0	0	(0,0)	(fx)= 3x +0
			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

HOMEWORK:

Pages 286-289 #'s 4-28 even, 32, 36, 42, 46, 48, 58, 62