

Name: Key

Date: \_\_\_\_\_

Class: \_\_\_\_\_

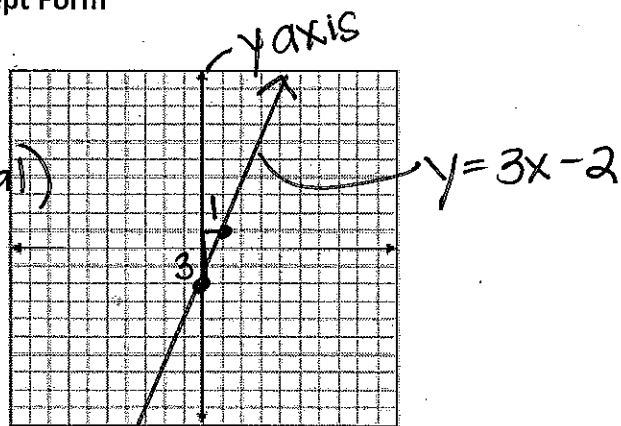
### Practice Graphing Slope Intercept Form

1.

$$y = 3x - 2$$

move  $m = \underline{3}$  \* move  $\frac{3}{1}$  (vertical) / 1 (horizontal)

begin  $b = \underline{-2}$  \* begin at -2 on y axis

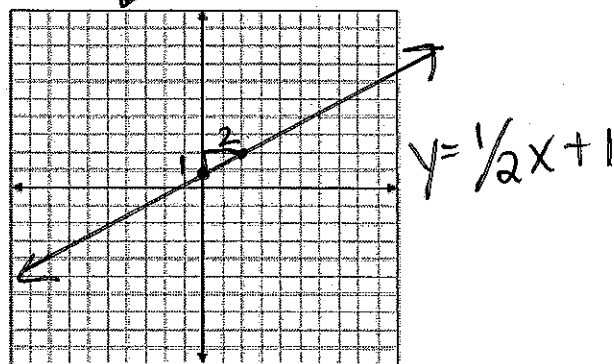


2.

$$y = \frac{1}{2}x + 1$$

$m = \underline{\frac{1}{2}}$

$b = \underline{1}$

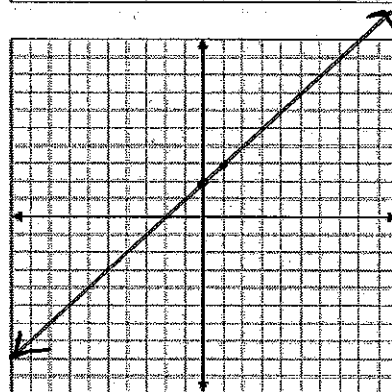


3.

$$y = x + 2$$

$m = \underline{1}$  \* number in front of x,  $x = 1x$  (slope)

$b = \underline{2}$

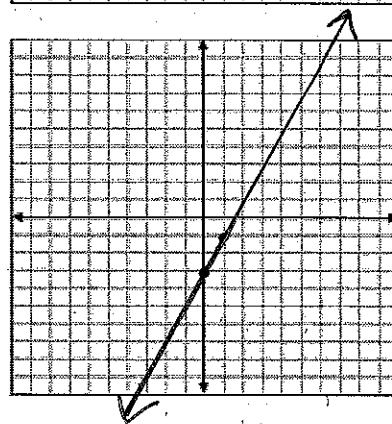


4.

$$y = 2x - 3$$

$m = \underline{2} = \frac{2}{1}$

$b = \underline{-3}$

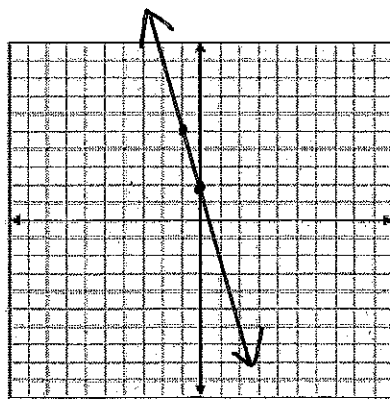


5.

$$y = -3x + 2$$

$$m = \underline{-3} = \underline{-\frac{3}{1}}$$

$$b = \underline{2}$$

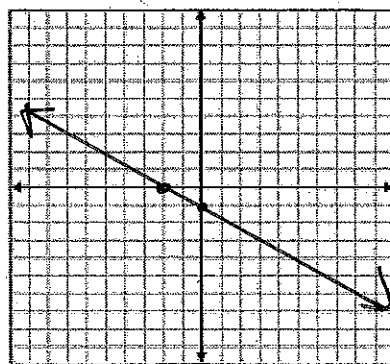


6.

$$y = -1/2 x - 1$$

$$m = \underline{-1/2}$$

$$b = \underline{-1}$$

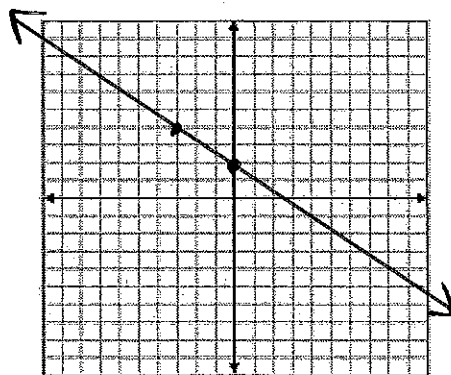


7.

$$y = -2/3 x + 2$$

$$m = \underline{-2/3}$$

$$b = \underline{2}$$

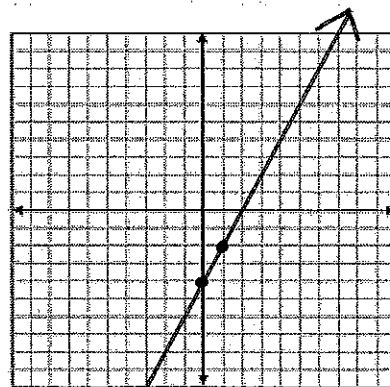


8.

$$y = 2x - 4$$

$$m = \underline{2} = \underline{2/1}$$

$$b = \underline{-4}$$



Since you already know how to find slope of a line, you can check your work. Draw the right triangle & see if your slope is correct. Pay close attention to positive & negatives.

