September 15, 2011

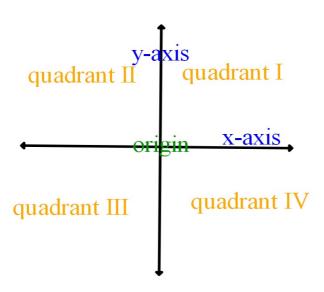
Warm-Up:

8p/2

Complete the t-chart using $y = \frac{1}{2}x - 3$

9/16 9/15- Slope

What is the Cartesian Plane?



Slope

rise run direction angle can graph it incline Stephess y-y,=m(x-x,)
positive and negative
zero and undefined

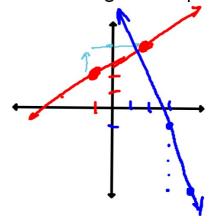
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Sketch the line through the given point with the given slope.

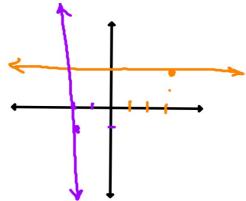
$$(-1,2)$$
 $m=\frac{1}{2}$ Right

$$(-1,2) \quad m = \frac{1}{2}$$
 Right
$$(3,-1) \quad m = -4$$
 down right



$$(3,2) \quad m = 0$$

$$(-2,-1) \quad m \text{ is undefined}$$



Find the slope of the line between the 2 given points by using a graph.

$$(-3,2)(5,4)$$
 $(-5,6)(-3,-3)$ $(-4,5)(-4,-3)$
 $M = \frac{r}{r}$
 $M = \frac{r}{r}$

Homework:

Page 74
#5-36 all
due Monday
Tuesday