

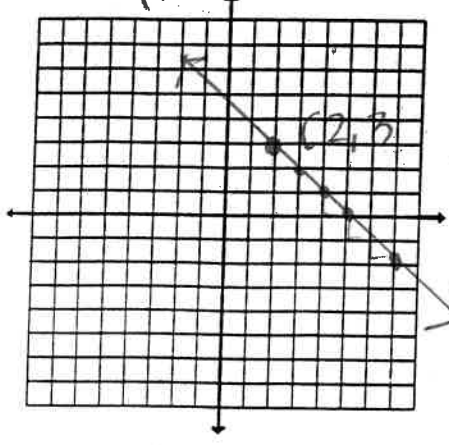
For each of the following, draw a line through the indicated point with the given slope. USE A RULER, PLEASE.

Graph

0.5 point plotted

1.5 downhill - slope

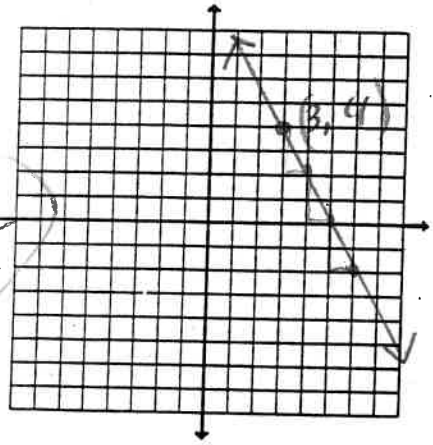
1.



over one (up) right 1
 $m = -\frac{1}{1}$

Through (2,3) with $m=-1$

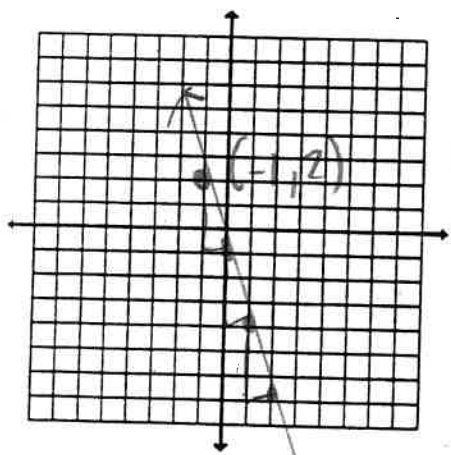
2.



$m = -\frac{2}{1}$
down 2 right 1

Through (3,4) with $m=-2$

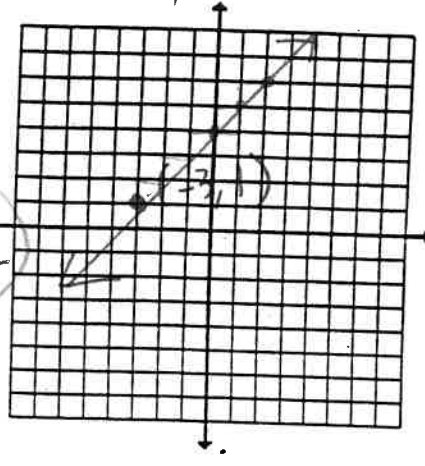
3.



$m = -\frac{3}{1}$
down 3 right 1

Through (-1,2) with $m=-3$

4.

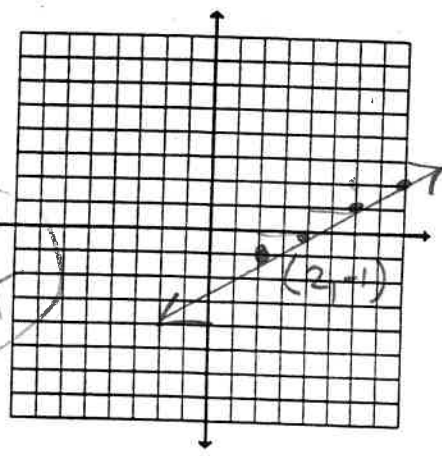


1.5 uphill + slope

up 1 over 1 R
 $m = \frac{1}{1}$

Through (-3,1) with $m=1$

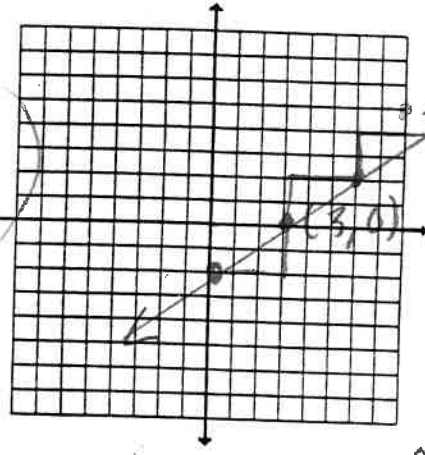
5.



up 1 right 2
 $m = \frac{1}{2}$

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

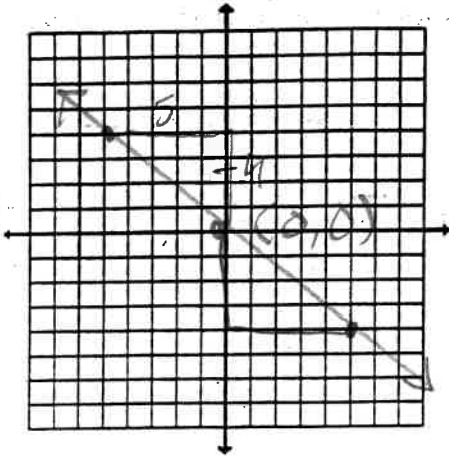
6.



$m = \frac{2}{3}$
up 2 right 3
or down 2 left 3

Through (3,0) with $m=\frac{2}{3}$

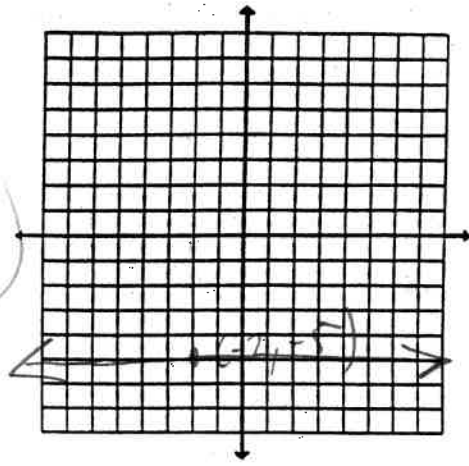
7.



down 4
right 5
 $m = -\frac{4}{5}$

Through (0,0) with $m = -\frac{4}{5}$

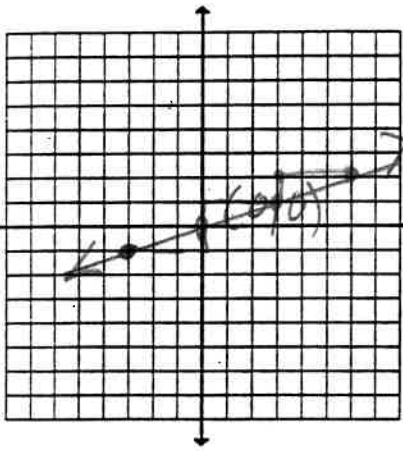
10.



$m = 0$
↔
ie
 $y = -5$

Through (-2,-5) with $m = 0$

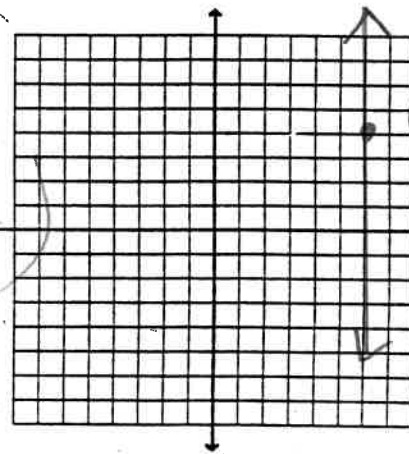
8.



$m = \frac{1}{3}$
up 1
right 3

Through (0,0) with $m = \frac{1}{3}$

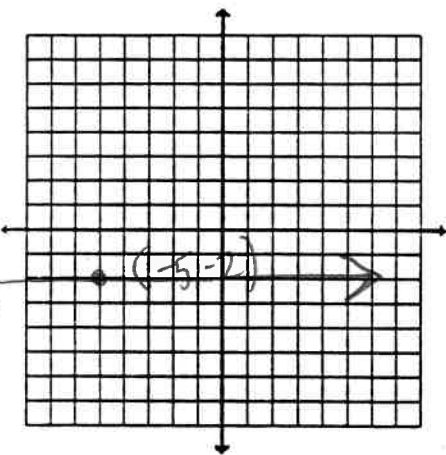
11.



(0,4)
ie $x = 4$

Through (6, 4) with $m =$ undefined slope (no slope)

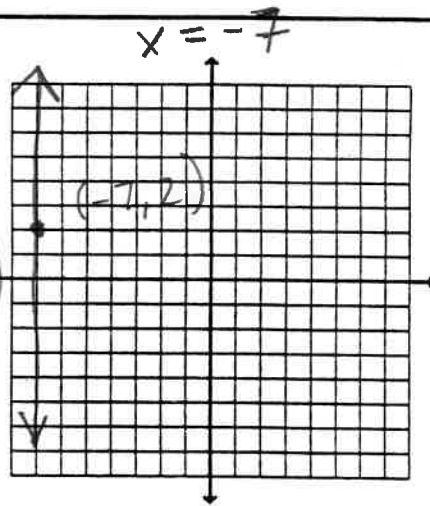
9.



$y = -2$

Through (-5, -2) with $m = 0$

12.



$x = -7$

Through (-7, 2) with $m =$ undefined (no slope)

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