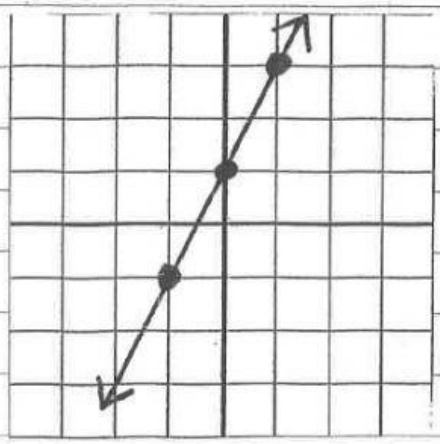
Linear Equations Quiz

Read the directions carefully.

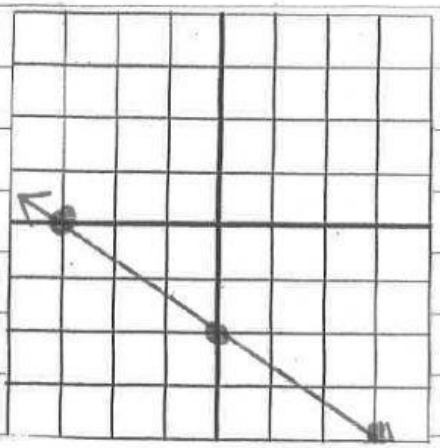
Find the SLOPE:

1



m =

2



m =

Find the <u>slope</u> of the line passing through the two points:

3 (1, 2) (2, 4)

m =

4 (-1, -2) (-3, -5)

m =

5 (-3, 1) (-1, 2)

m =

6 (3, 0) (4, 3)

m =

LIVEWORKSHEETS

Find the <u>equation</u> of the line passing through the two points.

Hint: Find m, substitute a point, find b.

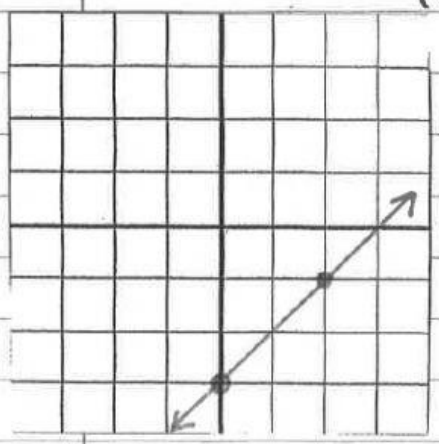
Your answer should be in this form → $y=mx+b$

(7) $(-1,-1)$ $(1,3)$

(8) $(0,2)$ $(1,-1)$

Identify the <u>slope</u> and y-intercept of the lines:

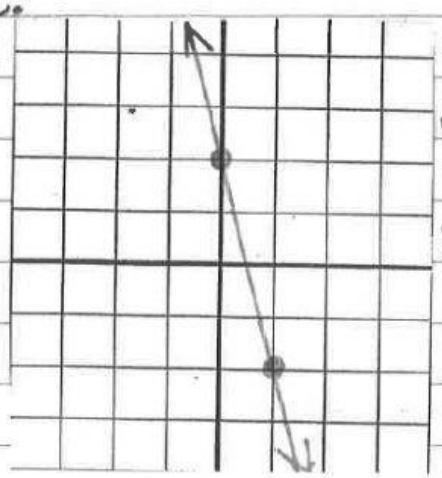
(9)



m=

b=

(10)



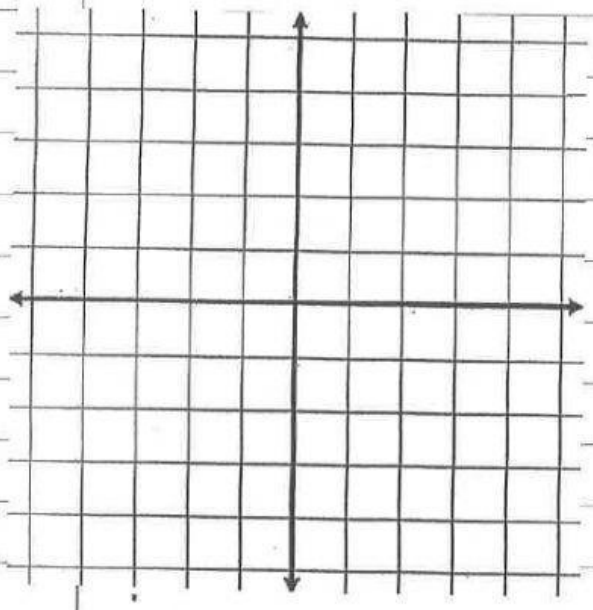
m=

b=

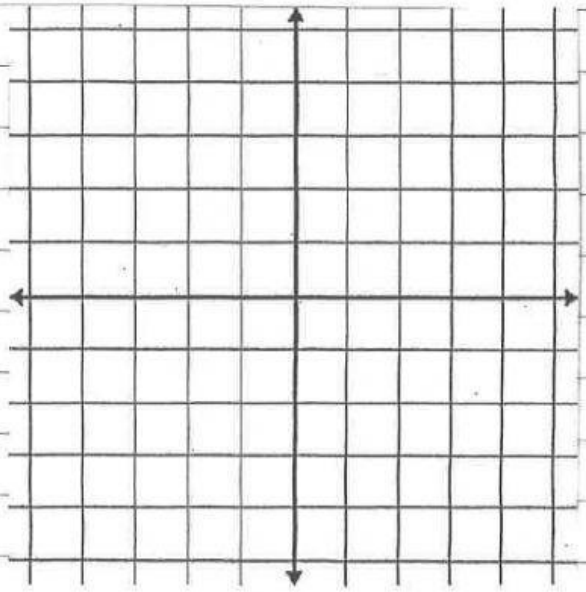
LIVEWORKSHEETS

Graph the following equations. Remember to put arrows and use a straight edge:

(11) $y = \frac{5}{3}x - 2$



(12) $y = -x + 3$



Extra Credit:

(EC1) Find the equation of the line passing through the two points:

$(-2, 3)$ $(3, 5)$

(EC2) Fully simplify the following equation

$y = \frac{-6}{-2}x + 0$

LIVEWORKSHEETS

LIVEWORKSHEETS