1. Write the equation, in Point-Slope Form, of the line that passes through this pair of points (9,-11) and (-4,23)

M = -34 (9,-11) and (-4,23) M = -34 (-4,23) (-4,23) (-4,23) (-4,23) (-4,23) (-4,23) (-4,23) (-4,23)

3. Identify the Slope and the Point that was used to write this equation:

$$y + 18 = -7(x - 23)$$

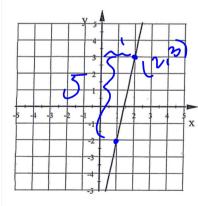
Point: 13, -18)

2. Write the equation of the line that passes through this pair of points

EQ: X = 7

4. Write the equation, in Point-Slope Form, of the line shown in the graph below.

EQ:



(213) m = 5 1/-3 = 5(x-2)

5. Rewrite this equation into Slope-Intercept Form (slon't use any rounded decimals) y + 14 = -5(x - 2)

$$y + 14 = -5X + 10$$

 $y = -5X - 4$

Tell the slope and y-intercept of the linear equations.

1.
$$y = 2x - 3$$

$$m = 2b = 3$$

2.
$$3x - y = 5$$

2.
$$3x - y = 5$$

 $m = 7$ $b = 5$

$$\frac{-y = -3x + 5}{-1}$$

Algebra	1:	"Slope-Intercept"	Form	of a l	Line

An equation whose graph is a is a linear equation. The rate of change					
(also known as the Slope) is Constant because it does not					
change. The graph crosses the y-axis at the					
- 1/1/2					
Slope-Intercept Form:					
m is the					
b is the					

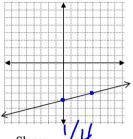
Write the equation of the line with the given slope and y-intercept.

- 3. Slope ½ and y-intercept 6
- 4. Slope 0 and y-intercept –6

EQ: $y = \frac{1}{2}x + 6$ EQ: y = -6



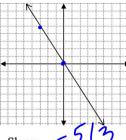
Write the equation of the line using slope and y-intercept.



Slope:

y-intercept:

Equation:

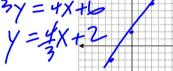


Slope: -5

y-intercept:

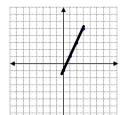
Equation: \(\)

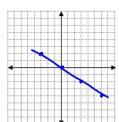




Use the slope and y-intercept to graph the equation of the line.

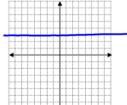
7. y = 2x - 1



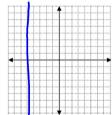


y-int: __





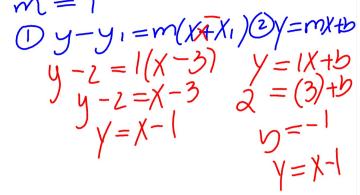
12. **x =** -5



y-int: 3

slope: Whaf y-int: None

13. Write an equation of a line in slope-intercept form that passes through:



STUDY FOR THURSDAY'S QUIZ!

Work on the following: HW #38 - Quiz Review

IXL #15 - S.4 & S.21 due Friday at 4pm!