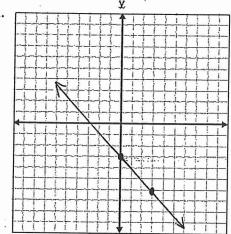
Section 5.3 - Notes/Examples - Given Graph, Write the equation in Slope-Intercept Form

- What is slope-intercept form? 1=MX+D
- What information do we need to write it in this form? the slope & the y-intercept
- How do we get this information?

Slope: count rise 4-int: identify where the line crosses the y-axis

1.

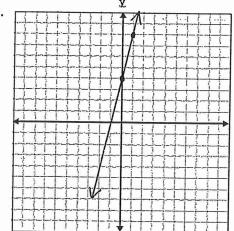


 $m = \frac{-3}{3} = -1$

b = ___3

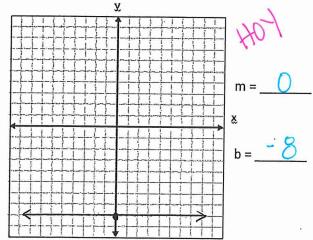
Equation: = -X - 3

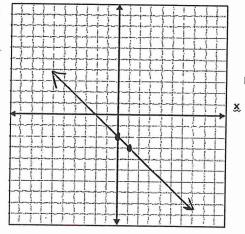
2.



Equation: $\frac{1}{1} = \frac{1}{1} \times \frac{1}{1}$

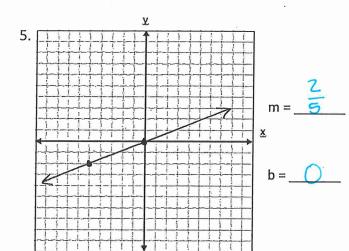
3.



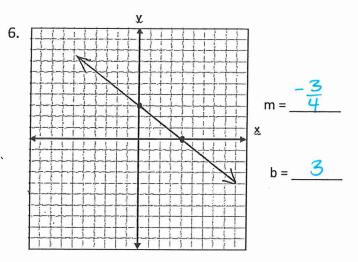


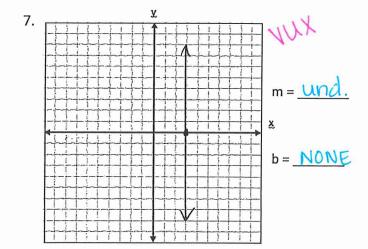
m = -1 b = -2

Equation: $\underline{\qquad } = -8$

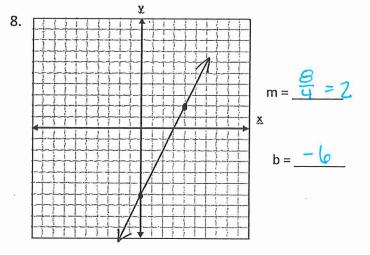


Equation:
$$\gamma = \frac{2}{5} \times$$









Equation:
$$\sqrt{-2x-6}$$