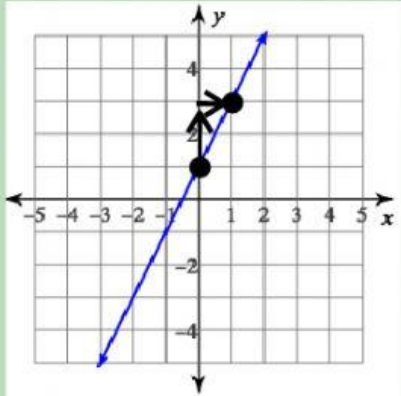


WRITING LINEAR EQUATIONS FROM A GRAPH

SLOPE INTERCEPT FORM: $y = mx + b$

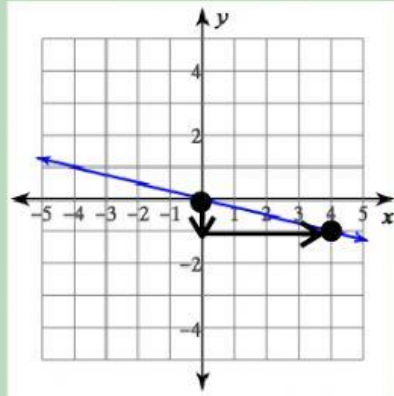
FINDING SLOPE (m) FROM A GRAPH:

POSITIVE:



$m = \underline{\hspace{2cm}}$

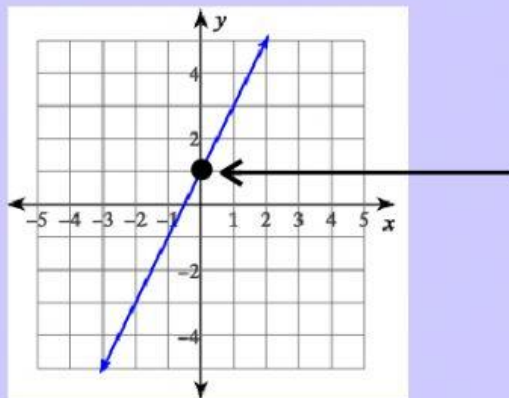
NEGATIVE:



$m = \underline{\hspace{2cm}}$

FINDING Y-INTERCEPT (b) FROM A GRAPH:

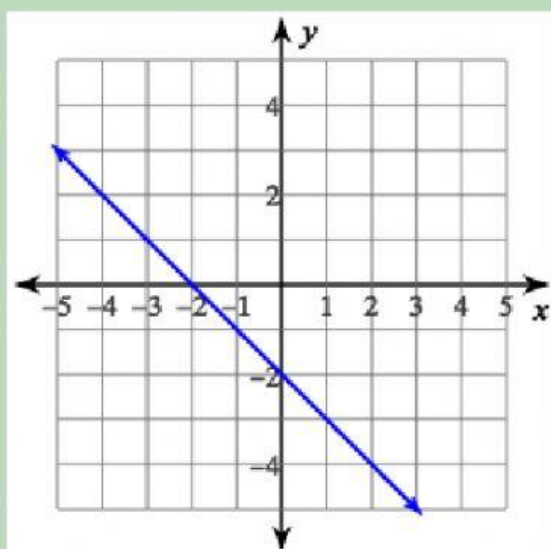
Find where line crosses the y axis



$b = \underline{\hspace{2cm}}$

WRITING LINEAR EQUATIONS FROM A GRAPH

EXAMPLE 1:



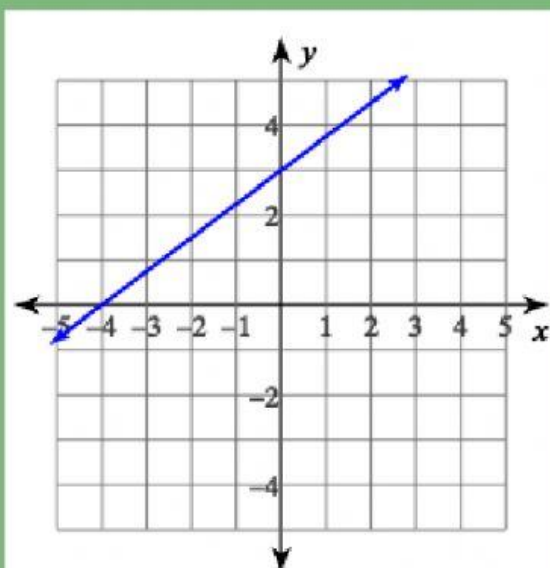
$$m = \underline{\hspace{2cm}}$$

$$b = \underline{\hspace{2cm}}$$

$$y = mx + b$$

$$y = \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$$

EXAMPLE 2:



$$m = \underline{\hspace{2cm}}$$

$$b = \underline{\hspace{2cm}}$$

$$y = mx + b$$

$$y = \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$$