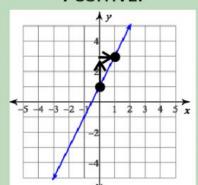
WRITING LINEAR EQUATIONS FROM A GRAPH

SLOPE INTERCEPT FORM: y = mx + b

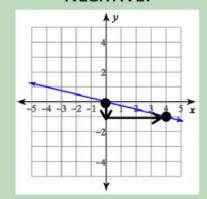
FINDING SLOPE (m) FROM A GRAPH:

POSITIVE:



$$m = _{---}$$

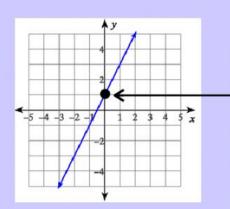
NEGATIVE:



$$m = _{---}$$

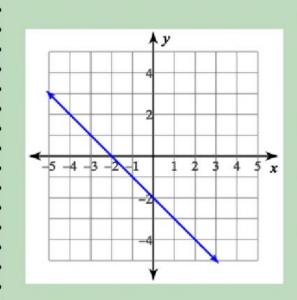
FINDING Y-INTERCEPT (b) FROM A GRAPH:

Find where line crosses the y axis



WRITING LINEAR EQUATIONS FROM A GRAPH

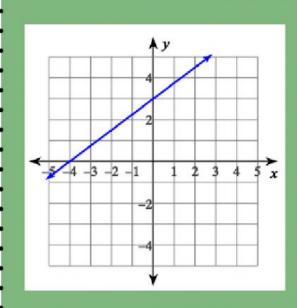
EXAMPLE 1:



$$m = \underline{\hspace{1cm}}$$

$$y = mx + b$$

EXAMPLE 2:



$$y = mx + b$$

$$y = __x + __$$