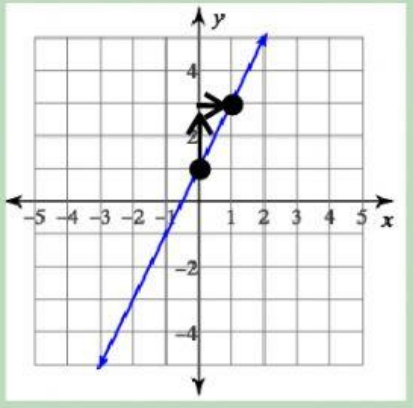
WRITING LINEAR EQUATIONS FROM A GRAPH

SLOPE INTERCEPT FORM: $y = mx + b$

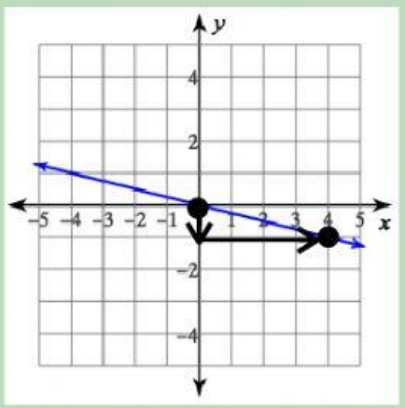
FINDING SLOPE (m) FROM A GRAPH:

POSITIVE:



$m =$ _____

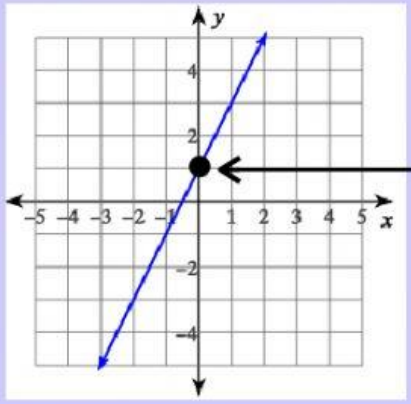
NEGATIVE:



$m =$ _____

FINDING Y-INTERCEPT (b) FROM A GRAPH:

Find where line crosses the y axis



$b =$ _____

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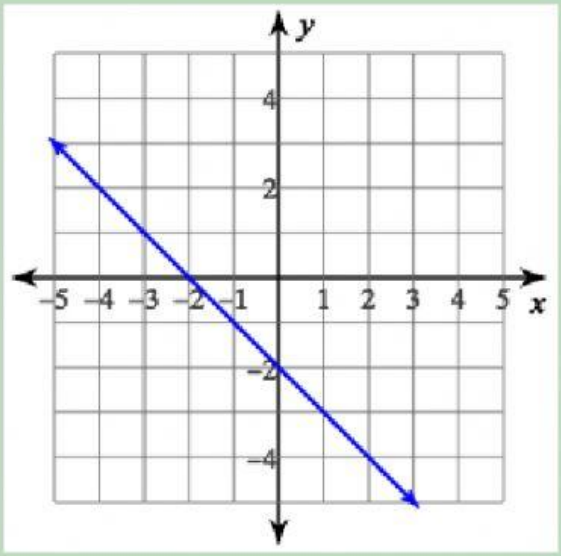
EXAMPLE 1:



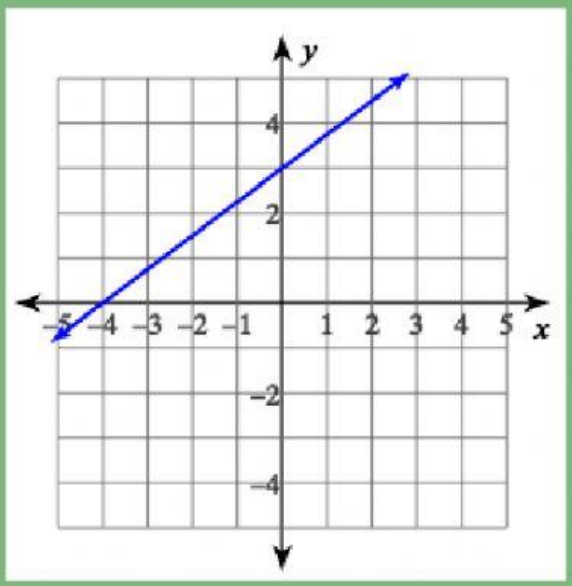
$m =$ _____

$b =$ _____

$y = mx + b$

$y =$ ___ $x +$ ___

EXAMPLE 2:



$m =$ _____

$b =$ _____

$y = mx + b$

$y =$ ___ $x +$ ___