Warm Up:

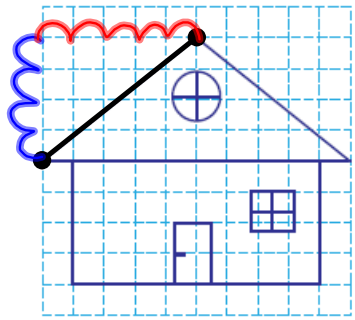
Slope of the Roof

$$\frac{y_2 - y_1}{x_2 - x_1}$$

Find the slope of each roof. (The slope should be positive)

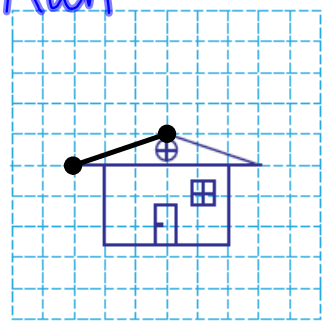
Rise / Run

1)



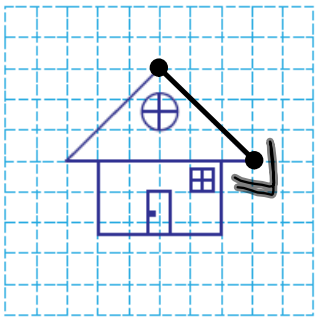
Slope = $\frac{4}{5}$

2)



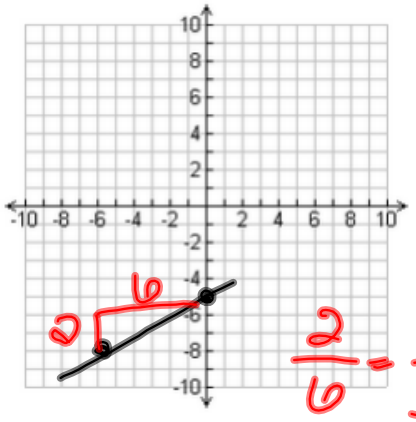
Slope = $\frac{1}{3}$

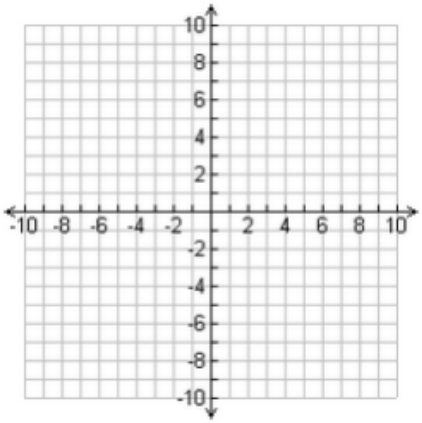
3)

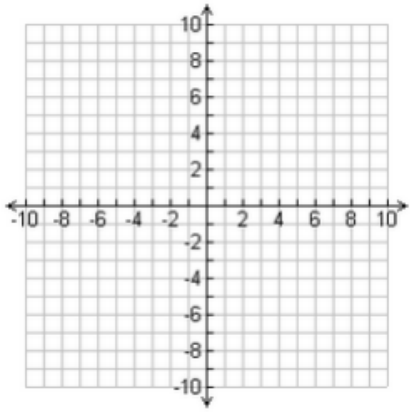


Slope = $\frac{-3}{3}$

$= -1$

Points	Formula $m = \frac{y_2 - y_1}{x_2 - x_1}$	Alternate Representation	Slope
x_1, y_1 (-6, -7) and (0, -5) x_2, y_2 $\frac{-5 - -7}{0 - -6}$	$m = \frac{-5-(-7)}{0-(-6)}$ $\frac{1}{3}$	 $\frac{2}{6} = \frac{1}{3}$ $m = \frac{rise}{run} = \_\_\_\_$	$m = \frac{1}{3}$

Points	Formula $m = \frac{y_2 - y_1}{x_2 - x_1}$	Alternate Representation	Slope
(-2, -8) and (8, 7)	$m = \frac{\quad - \quad}{\quad - \quad}$	 $m = \frac{rise}{run} = \frac{\quad}{\quad}$	$m =$

Points	Formula $m = \frac{y_2 - y_1}{x_2 - x_1}$	Alternate Representation	Slope
(1, 8) and (8, 1)	$m = \frac{\quad}{\quad}$	 $m = \frac{rise}{run} = \frac{\quad}{\quad}$	$m =$

Slope BINGO Game

Name: _____

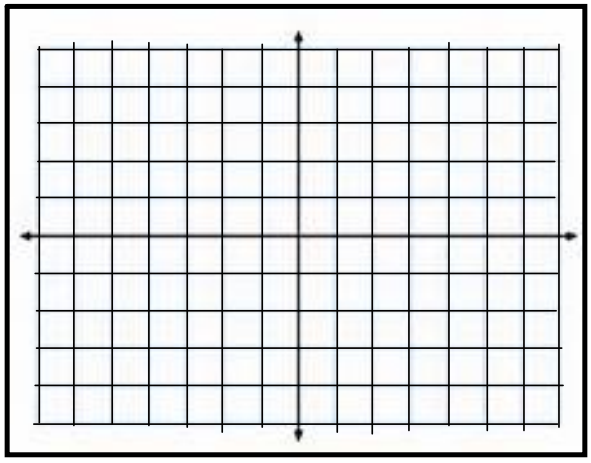
Score: ____/6

FINDING SLOPE

EXIT TICKET

tear this page off and turn it in before you leave class today

a) Find the slope between the points (-4,2) and (3, 6). Use of the grid is optional.



b) Find the slope of the line in the graph below.