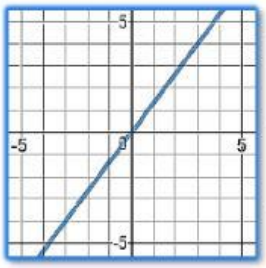
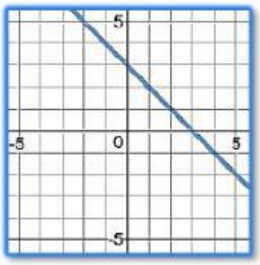
There are four *types* of slopes…



As we travel left to right, the graph goes _____.

Type of slope:

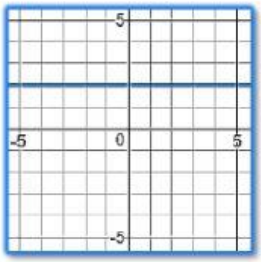
_____



As we travel left to right, the graph goes _____.

Type of slope:

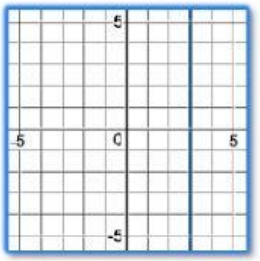
_____



This graph is not steep at all!

Type of slope:

_____



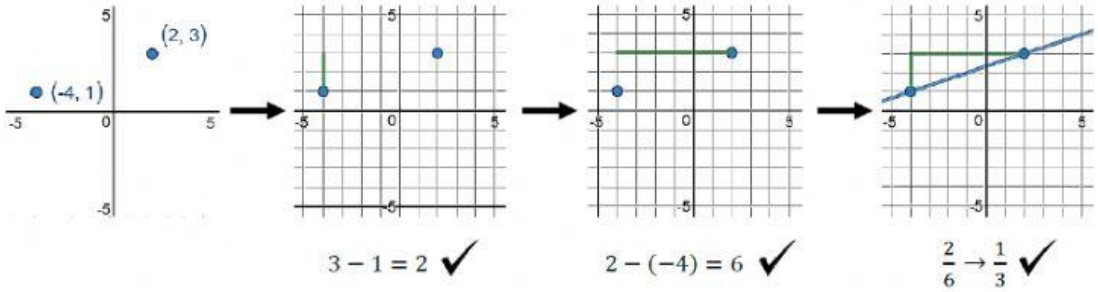
This graph is so steep we can't even call it a slope!

Type of slope:

_____

Let's find the slope using the slope formula:

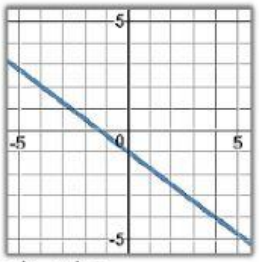
The images below explain what we just did…



If that doesn't help let's watch a video!!

Directions: Use the notes above or the video to find the slope using the slope formula $m = \frac{y_2 - y_1}{x_2 - x_1}$

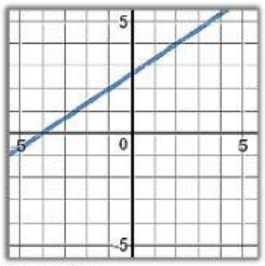
1.



Point 1 = (x_1,y_1) =
Point 2 = (x_2,y_2) =
Show your work using the equation:

(Final Answer) Slope m =

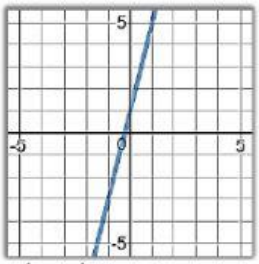
2.



Point 1 = (x_1,y_1) =
Point 2 = (x_2,y_2) =
Show your work using the equation:

(Final Answer) Slope m =

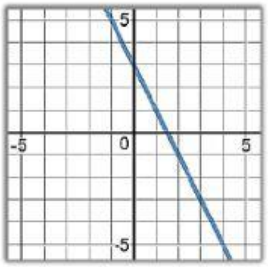
3.



Point 1 = (x_1,y_1) =
Point 2 = (x_2,y_2) =
Show your work using the equation:

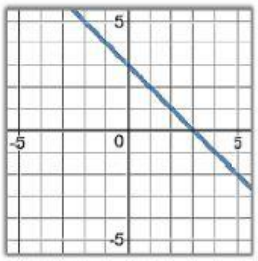
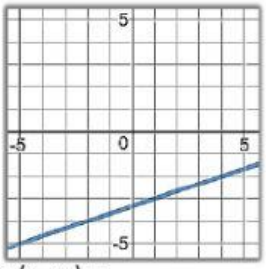
(Final Answer) Slope m =

4.



Point 1 = (x_1,y_1) =
Point 2 = (x_2,y_2) =
Show your work using the equation:

(Final Answer) Slope m =

5.  Point 1 = (x_1,y_1) = Point 2 = (x_2,y_2) = Show your work using the equation: (Final Answer) Slope m =	6.  Point 1 = (x_1,y_1) = Point 2 = (x_2,y_2) = Show your work using the equation: (Final Answer) Slope m =

Directions: Given the ordered pairs find the slope using the equation $m = \frac{y_2 - y_1}{x_2 - x_1}$

7. (4,-1) & (6,2) Show your work below: (Final Answer) Slope m =	8. (3,-2) & (4,3) Show your work below: (Final Answer) Slope m =
9. (-1,7) & (-3,1) Show your work below: (Final Answer) Slope m =	10. (0,4) & (-3,12) Show your work below: (Final Answer) Slope m =