

**Topic:**



**Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Pd** \_\_\_\_\_

**EQ:**

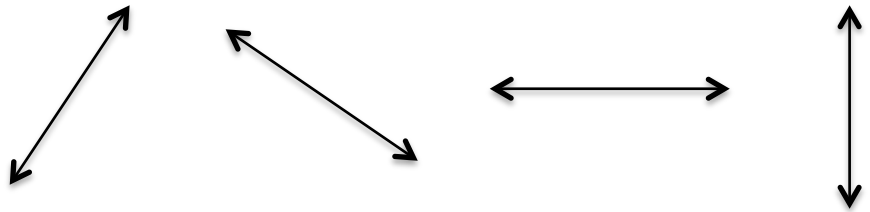
**Questions/Key Ideas**

**Notes**

What is slope?

Slope measures the \_\_\_\_\_ of a line.

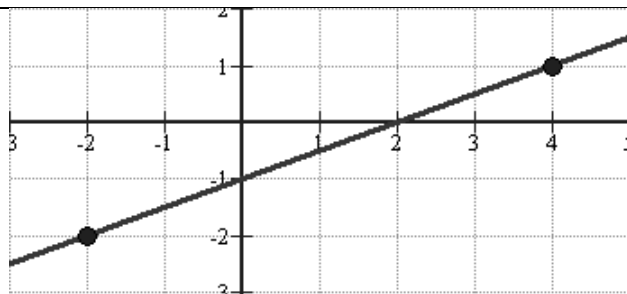
What are the types of slope?



How are rate of change and slope related?

$$SLOPE = m = \frac{\text{change in } y}{\text{change in } x} = \frac{\text{rise}}{\text{run}}$$

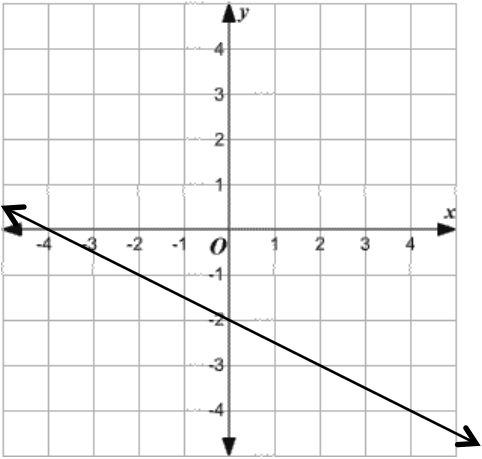
How do you find the slope when given a graph?



$$\text{Slope} = \frac{\text{rise}}{\text{run}} =$$

How do you determine if rise/run is positive or negative?

	Positive	Negative
Rise		
Run		

<p>What is the slope of a horizontal line and vertical line?</p>	<p>Horizontal Line Slope: _____ Vertical Line Slope: _____</p>
<p>What is a y-intercept?</p>	<p><u>y-intercept</u>: The y-coordinate of the point that _____          _____; <math>f(0)</math></p>
<p>What is slope-intercept form?</p>	<ul style="list-style-type: none"> <li>Linear equation that identifies the _____ &amp;          _____</li> </ul> $y = mx + b$
<p>Find the equation of the following graph?</p>	
<p>Summary:</p>	