





4 Types of Slope

	
Positive Slope Increasing	Negative Slope Decreasing
	
Zero Slope Horizontal Line	Undefined Slope Vertical Line



MR. SLOPE GUY

Calculating Slope

Always use two points

(x_1, y_1) and (x_2, y_2)

$$m = \frac{y_2 - y_1}{x_2 - x_1} \rightarrow \frac{\text{rise}}{\text{run}}$$

Calculate the slope for each example

$(3, 4)$ and $(8, 4)$

$(3, -4)$ and $(3, 0)$

