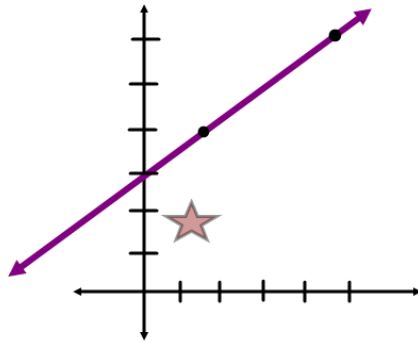


Name \_\_\_\_\_

## Math 8: Intro to Slope

*Directions: Fill in the blanks below as you watch the video.*

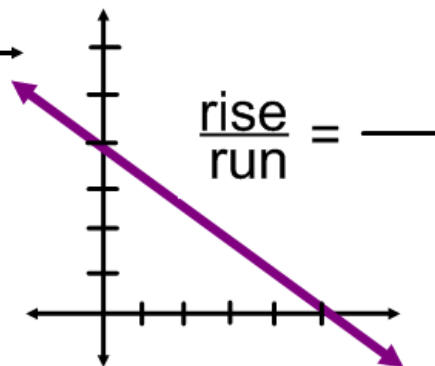
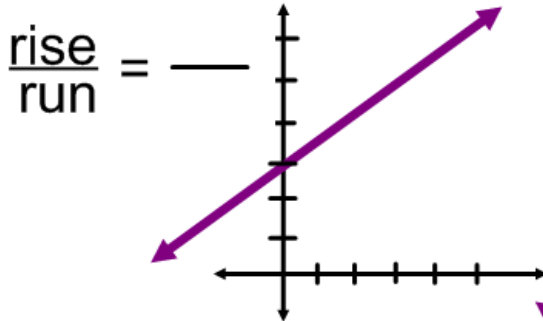
SLOPE is the rate of change from one point to the next on a line.



SLOPE is also called " \_\_\_\_\_ over \_\_\_\_\_ ". It is the ratio of the \_\_\_\_\_ of the line (which is the vertical change) over the \_\_\_\_\_ of the line (which is the horizontal change.)

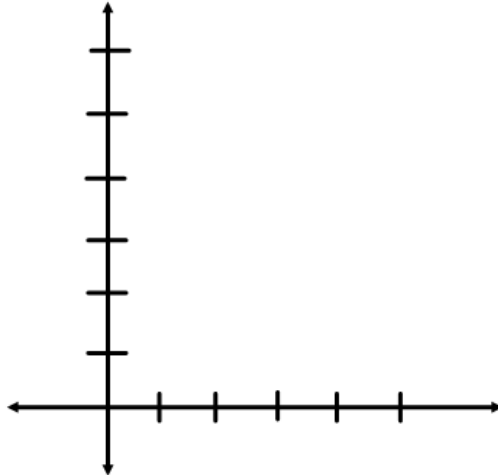
## TYPES OF SLOPE:

**If the line is INcreasing, the slope is \_\_\_\_\_.**

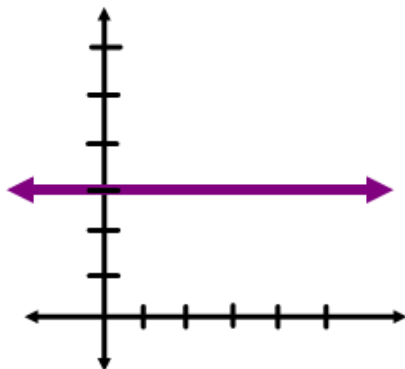


**If the line is DEcreasing, the slope is \_\_\_\_\_.**

You Try! Draw a line with a positive slope with a dashed line. Draw a line with a negative slope with a solid line.

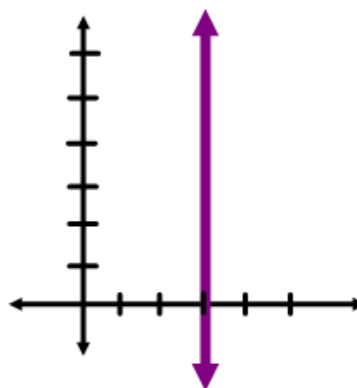


If the line is **HORIZONTAL**, the slope is \_\_\_\_.



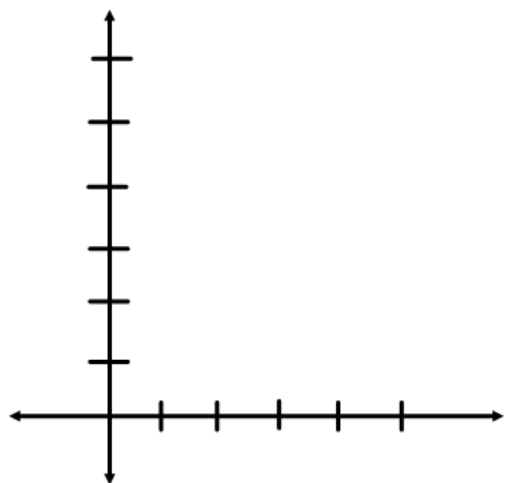
$$\frac{\text{rise}}{\text{run}} = \text{---}$$

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

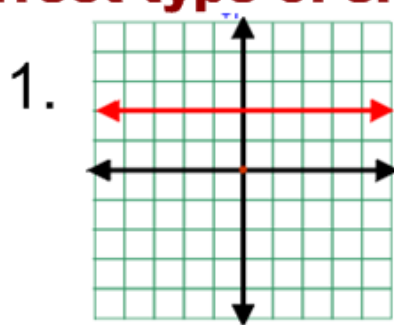


If the line is **VERTICAL**, the slope is \_\_\_\_\_.

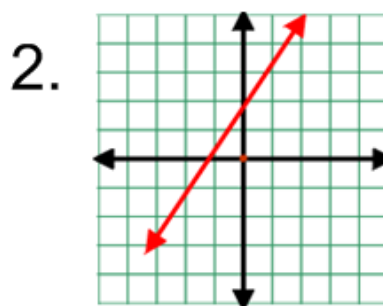
You Try! Draw a line with a undefined slope with a solid line. Draw a line with a zero slope with a dashed line.



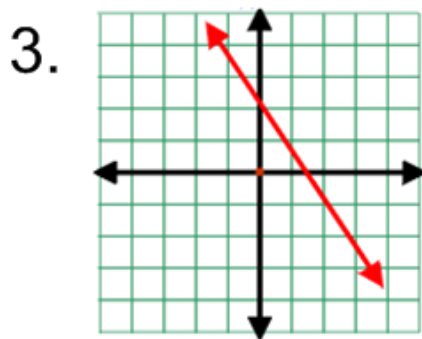
**You Try! Label each graph with the correct type of slope.**



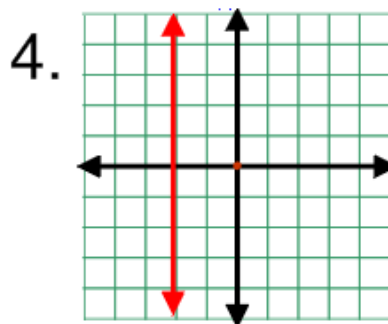
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