

Finding Slope - NOTES

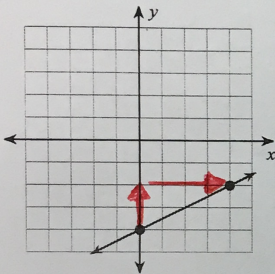
1) The slope of a line is a measurement of HOW STEEP THE LINE IS.

$$\frac{\text{RISE}}{\text{RUN}} = \frac{\updownarrow}{\leftarrow\rightarrow}$$

 $\uparrow: +$
 $\rightarrow: +$
 $\downarrow: -$
 $\leftarrow: -$

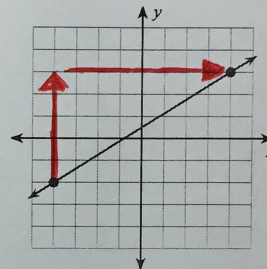
Find the slope of each line.

2)



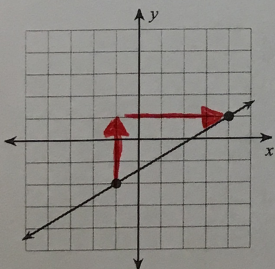
$$\frac{\text{UP } 2}{\text{RIGHT } 4} = \frac{2}{4} = \boxed{\frac{1}{2}}$$

3)



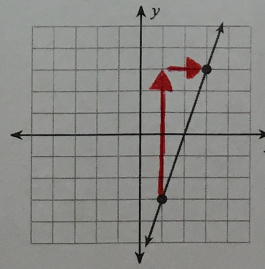
$$\frac{\text{UP } 5}{\text{RIGHT } 8} = \boxed{\frac{5}{8}}$$

4)



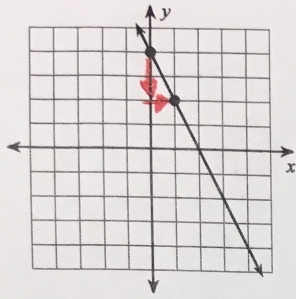
$$\frac{\text{UP } 3}{\text{RIGHT } 5} = \boxed{\frac{3}{5}}$$

5)



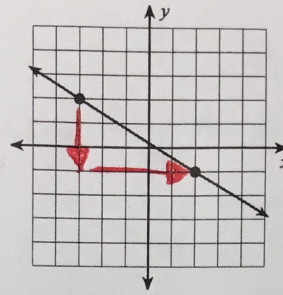
$$\frac{\text{UP } 6}{\text{RIGHT } 2} = \frac{6}{2} = \frac{3}{1} = \boxed{3}$$

6)



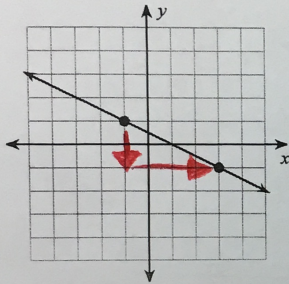
$$\frac{\text{DOWN } 1}{\text{RIGHT } 1} = \frac{-1}{1} = \boxed{-1}$$

7)



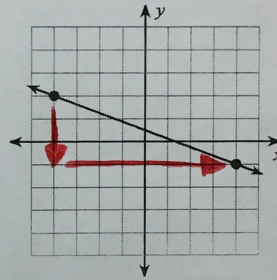
$$\frac{\text{DOWN } 3}{\text{RIGHT } 5} = \boxed{\frac{-3}{5}}$$

8)



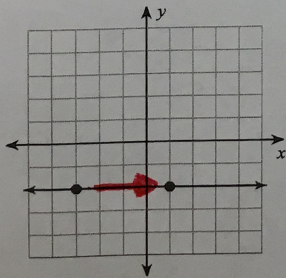
$$\frac{\text{DOWN } 2}{\text{RIGHT } 4} = \frac{-2}{4} = \boxed{\frac{-1}{2}}$$

9)



$$\frac{\text{DOWN } 3}{\text{RIGHT } 8} = \boxed{\frac{-3}{8}}$$

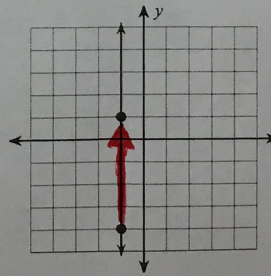
10)



~~scribble~~

$$\frac{\text{UP/DOWN } 0}{\text{RIGHT } 4} = \frac{0}{4} = \boxed{0}$$

11)



$$\frac{\text{UP } 5}{\text{RIGHT/LEFT } 0} = \frac{5}{0} =$$

UNDEFINED