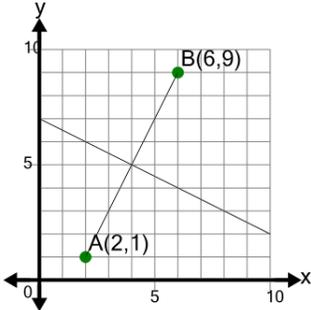


## Line Segment (Graph) - Find Perpendicular Slope (Formula)

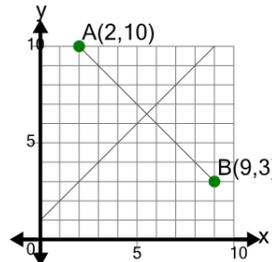
1



How would you find the slope of the PERPENDICULAR to segment AB?

$$\begin{array}{l} \text{A} \frac{9-1}{6-2} \\ \text{B} \frac{-(6-2)}{9-1} \end{array}$$

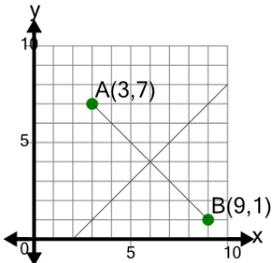
2



How would you find the slope of the PERPENDICULAR to segment AB?

$$\begin{array}{l} \text{A} \frac{3-10}{9-2} \\ \text{B} \frac{-(9-2)}{3-10} \end{array}$$

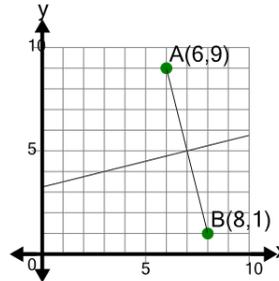
3



How would you find the slope of the PERPENDICULAR to segment AB?

$$\begin{array}{l} \text{A} \frac{1-7}{9-3} \\ \text{B} \frac{-(9-3)}{1-7} \end{array}$$

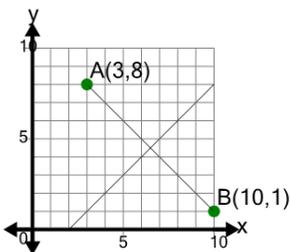
4



How would you find the slope of the PERPENDICULAR to segment AB?

$$\begin{array}{l} \text{A} \frac{1-9}{8-6} \\ \text{B} \frac{-(8-6)}{1-9} \end{array}$$

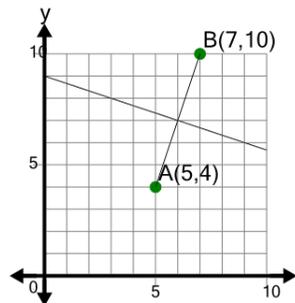
5



How would you find the slope of the PERPENDICULAR to segment AB?

$$\begin{array}{l} \text{A} \frac{1-8}{10-3} \\ \text{B} \frac{-(10-3)}{1-8} \end{array}$$

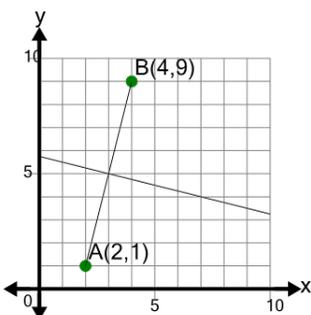
6



How would you find the slope of the PERPENDICULAR to segment AB?

$$\begin{array}{l} \text{A} \frac{10-4}{7-5} \\ \text{B} \frac{-(7-5)}{10-4} \end{array}$$

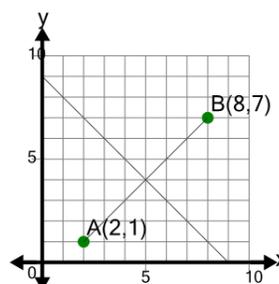
7



How would you find the slope of the PERPENDICULAR to segment AB?

$$\begin{array}{l} \text{A} \frac{9-1}{4-2} \\ \text{B} \frac{-(4-2)}{9-1} \end{array}$$

8



How would you find the slope of the PERPENDICULAR to segment AB?

$$\begin{array}{l} \text{A} \frac{7-1}{8-2} \\ \text{B} \frac{-(8-2)}{7-1} \end{array}$$