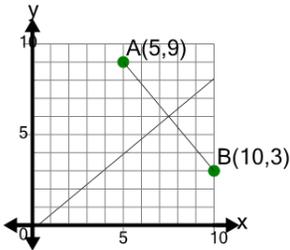


Line Segment (Graph) - Find Perpendicular Slope (Formula)

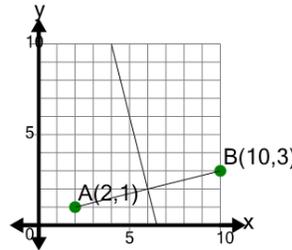
1



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

$$\begin{array}{l} \text{A} \\ \frac{-(10-5)}{3-9} \end{array} \quad \begin{array}{l} \text{B} \\ \frac{3-9}{10-5} \end{array}$$

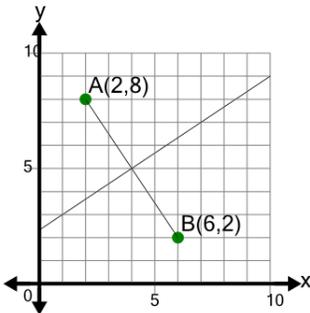
2



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

$$\begin{array}{l} \text{A} \\ \frac{-(10-2)}{3-1} \end{array} \quad \begin{array}{l} \text{B} \\ \frac{3-1}{10-2} \end{array}$$

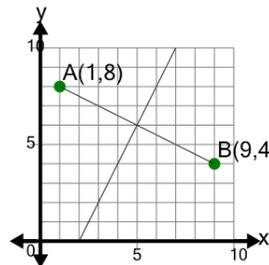
3



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

$$\begin{array}{l} \text{A} \\ \frac{-(6-2)}{2-8} \end{array} \quad \begin{array}{l} \text{B} \\ \frac{2-8}{6-2} \end{array}$$

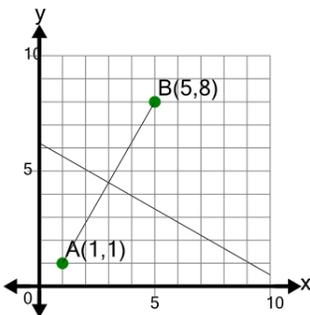
4



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

$$\begin{array}{l} \text{A} \\ \frac{-(9-1)}{4-8} \end{array} \quad \begin{array}{l} \text{B} \\ \frac{4-8}{9-1} \end{array}$$

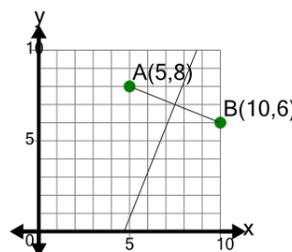
5



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

$$\begin{array}{l} \text{A} \\ \frac{-(5-1)}{8-1} \end{array} \quad \begin{array}{l} \text{B} \\ \frac{8-1}{5-1} \end{array}$$

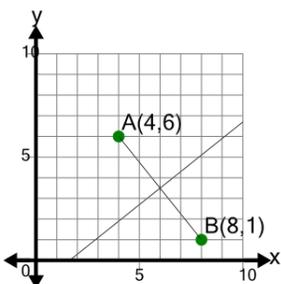
6



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

$$\begin{array}{l} \text{A} \\ \frac{-(10-5)}{6-8} \end{array} \quad \begin{array}{l} \text{B} \\ \frac{6-8}{10-5} \end{array}$$

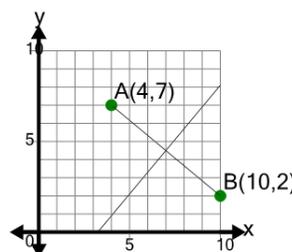
7



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

$$\begin{array}{l} \text{A} \\ \frac{-(8-4)}{1-6} \end{array} \quad \begin{array}{l} \text{B} \\ \frac{1-6}{8-4} \end{array}$$

8



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

$$\begin{array}{l} \text{A} \\ \frac{2-7}{10-4} \end{array} \quad \begin{array}{l} \text{B} \\ \frac{-(10-4)}{2-7} \end{array}$$