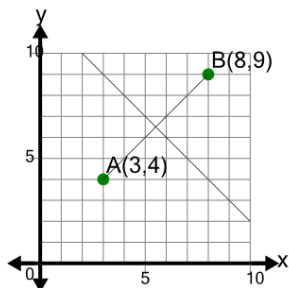




Line Segment (Graph) - Find Perpendicular Slope (Formula)

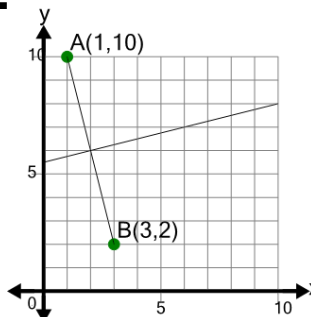
1



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

$$\begin{array}{l} \text{A} \frac{9-4}{8-3} \\ \text{B} \frac{8-3}{9-4} \end{array}$$

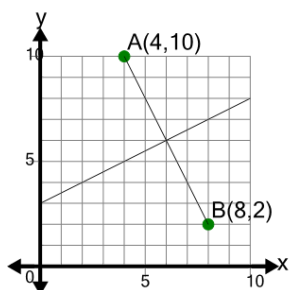
2



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

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

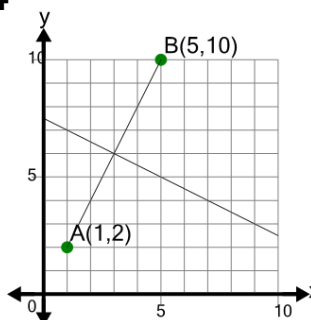
3



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

$$\begin{array}{l} \text{A} \frac{2-10}{8-4} \\ \text{B} \frac{8-4}{2-10} \end{array}$$

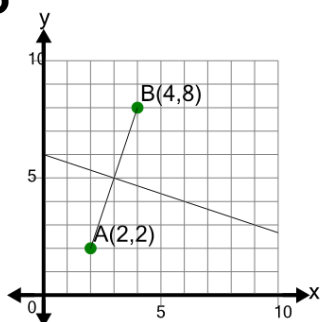
4



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

$$\begin{array}{l} \text{A} \frac{10-2}{5-1} \\ \text{B} \frac{5-1}{10-2} \end{array}$$

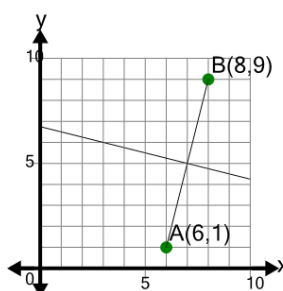
5



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

$$\begin{array}{l} \text{A} \frac{4-2}{8-2} \\ \text{B} \frac{8-2}{4-2} \end{array}$$

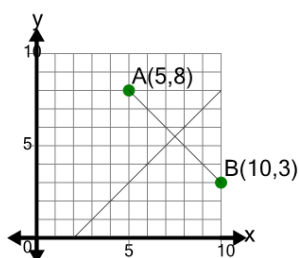
6



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

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

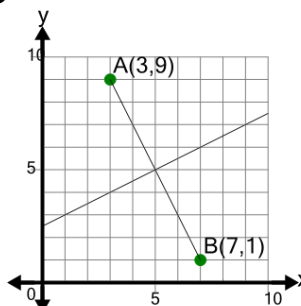
7



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

$$\begin{array}{l} \text{A} \frac{10-5}{3-8} \\ \text{B} \frac{3-8}{10-5} \end{array}$$

8



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

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