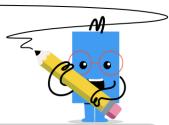


## mobius

## Line Segment (Points) - Find Perpendicular Slope (Value)



Find the slope of the PERPENDICULAR to segment AB

Point A: (5, 3)

Point B: (7,5)

**2** Find the slope of the PERPENDICULAR to segment AB

Point A: (1, 1)

Point B: (8, 10)

 $\begin{bmatrix} -1 \end{bmatrix} \begin{bmatrix} 2 \end{bmatrix} \begin{bmatrix} -\frac{1}{2} \end{bmatrix} \begin{bmatrix} 1 \end{bmatrix} \begin{bmatrix} -\frac{5}{2} \end{bmatrix} \begin{bmatrix} -\frac{2}{5} \end{bmatrix} \begin{bmatrix} -\frac{7}{9} \end{bmatrix} \begin{bmatrix} -\frac{1}{3} \end{bmatrix} \begin{bmatrix} -\frac{7}{11} \end{bmatrix} \begin{bmatrix} -\frac{9}{7} \end{bmatrix} \begin{bmatrix} -\frac{7}{6} \end{bmatrix} \begin{bmatrix} -\frac{10}{9} \end{bmatrix}$ 

Find the slope of the PERPENDICULAR to segment AB

Point A: (5, 4)

Point B: (9, 2)

**4** Find the slope of the PERPENDICULAR to segment AB

Point A: (4, 8)

Point B: (9, 4)

 $\begin{bmatrix} 1 & 1 & 2 & 2 & 1 \end{bmatrix}$ 

Find the slope of the PERPENDICULAR to segment AB

Point A: (3, 7)

Point B: (9, 9)

Find the slope of the PERPENDICULAR to segment AB

Point A: (2, 3)

Point B: (4, 2)

 $\begin{bmatrix} -3 & -\frac{1}{3} & -\frac{3}{2} & -1 \end{bmatrix}$   $\begin{bmatrix} -1 & 6 & 3 & 2 & 6 & -\frac{2}{3} & \frac{2}{3} & -1 \end{bmatrix}$ 

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7 Find the slope of the PERPENDICULAR to segment AB

Point A: (4, 6)

Point B: (6, 1)

Find the slope of the PERPENDICULAR to segment AB

Point A: (5, 6)

Point B: (8, 5)

 $\begin{bmatrix} -\frac{2}{5} & \frac{2}{5} & \frac{2}{5} & \frac{4}{5} & \frac{6}{5} & \frac{5}{2} & \frac{5}{2} & \frac{2}{9} & -1 & -\frac{3}{2} & 5 & -3 & \frac{3}{4} \end{bmatrix}$