



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

1

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

Point A: (4, 3)

Point B: (7, 9)

A	B
$-\frac{(7-4)}{9-3}$	$\frac{9-3}{7-4}$

2

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

Point A: (1, 5)

Point B: (5, 1)

A	B
$-\frac{(5-1)}{1-5}$	$\frac{1-5}{5-1}$

3

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

Point A: (3, 9)

Point B: (4, 5)

A	B
$\frac{5-9}{4-3}$	$-\frac{(4-3)}{5-9}$

4

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

Point A: (1, 10)

Point B: (2, 4)

A	B
$-\frac{(2-1)}{4-10}$	$\frac{4-10}{2-1}$

5

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

Point A: (4, 1)

Point B: (5, 2)

A	B
$-\frac{(5-4)}{2-1}$	$\frac{2-1}{5-4}$

6

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

Point A: (2, 10)

Point B: (3, 1)

A	B
$\frac{1-10}{3-2}$	$-\frac{(3-2)}{1-10}$

7

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

Point A: (2, 3)

Point B: (6, 7)

A	B
$\frac{7-3}{6-2}$	$-\frac{(6-2)}{7-3}$

8

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

Point A: (4, 10)

Point B: (5, 3)

A	B
$\frac{3-10}{5-4}$	$-\frac{(5-4)}{3-10}$