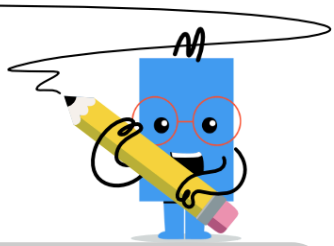
Name



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

1 Find the slope of the PERPENDICULAR to segment AB

Point A: (5, 3)
Point B: (7, 5)

A	B	C	D	E	F
-1	2	$-\frac{1}{2}$	1	$-\frac{5}{2}$	$-\frac{2}{5}$

2 Find the slope of the PERPENDICULAR to segment AB

Point A: (1, 1)
Point B: (8, 10)

A	B	C	D	E	F
$-\frac{7}{9}$	$-\frac{1}{3}$	$-\frac{7}{11}$	$-\frac{9}{7}$	$-\frac{7}{6}$	$-\frac{10}{9}$

3 Find the slope of the PERPENDICULAR to segment AB

Point A: (5, 4)
Point B: (9, 2)

A	B	C	D	E	F
$\frac{1}{2}$	-2	1	2	$\frac{2}{3}$	$\frac{4}{5}$

4 Find the slope of the PERPENDICULAR to segment AB

Point A: (4, 8)
Point B: (9, 4)

A	B	C	D	E	F
$\frac{5}{4}$	$\frac{1}{4}$	$\frac{9}{4}$	$\frac{5}{2}$	$\frac{5}{8}$	$\frac{4}{5}$

5 Find the slope of the PERPENDICULAR to segment AB

Point A: (3, 7)
Point B: (9, 9)

A	B	C	D	E	F
-3	$-\frac{1}{3}$	$-\frac{3}{2}$	-1	6	3

6 Find the slope of the PERPENDICULAR to segment AB

Point A: (2, 3)
Point B: (4, 2)

A	B	C	D	E	F
2	6	$-\frac{2}{3}$	$\frac{2}{3}$	-1	-2

7 Find the slope of the PERPENDICULAR to segment AB

Point A: (4, 6)
Point B: (6, 1)

A	B	C	D	E	F
$-\frac{2}{5}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{6}{5}$	$\frac{5}{2}$	$\frac{2}{9}$

8 Find the slope of the PERPENDICULAR to segment AB

Point A: (5, 6)
Point B: (8, 5)

A	B	C	D	E	F
-1	$-\frac{3}{2}$	5	-3	3	$\frac{3}{4}$