

Interpret positive, negative, zero, and undefined slopes

- 1 What chart of X, Y values would have this slope?

$$m = -5$$

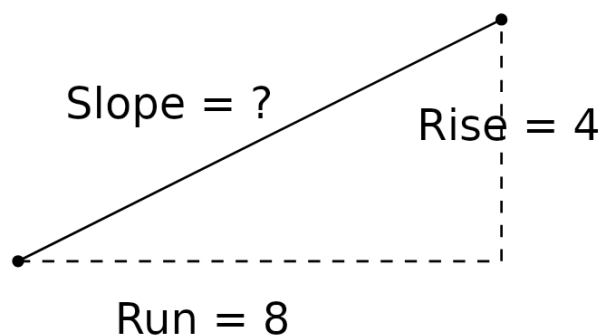
A		B	
X	Y	X	Y
0	5	0	5
1	10	1	0
2	15	2	-5
3	20	3	-10
4	25	4	-15

- 2 What slope would this line of X, Y values have?

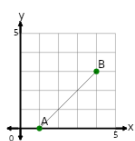
X	Y
0	1
1	3
2	5
3	7
4	9

A $m=1$	B $m=2$
C $m=-2$	D $m=0.5$

- 3 How would you calculate the slope of the line given that slope is rise/run?



- 4 Find the slope of the line between Point A and Point B given that Y increases by 3 and X increases by 3



A 1	B 2.4	C -0.8
D 1.6	E -2.25	F 0

A $\frac{4}{8}$	B $\frac{8}{4}$
C $\frac{-4}{8}$	D $8 \cdot 4$

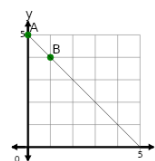
- 5 How would you find the slope of segment AB?

Point A : (5,9)

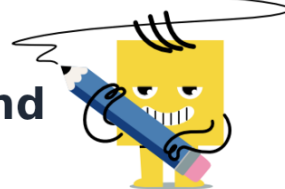
Point B : (6,6)

A $\frac{6-9}{6-5}$	B $\frac{6-5}{6-9}$
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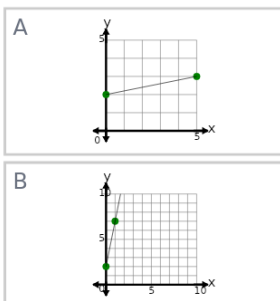
- 6 Find the slope of the line between Point A and Point B



A -1.4	B -1	C -0.2
D 2.5	E 0.4	F 0



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7 $m=0.2$ **8** $(3, 3)$ and $(10, 6)$

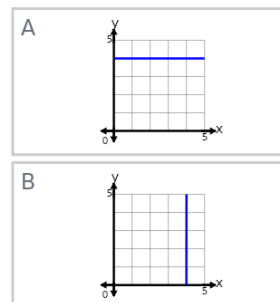
A 2.33	B 2.5	C 0.43
D 1.5	E -2.25	F -1

9

What slope would this line of X, Y values have?

X	Y
0	3
1	3
2	3
3	3

A $m=0$	B $m=\infty$
C $m=1/3$	D $m=3$

10 $\text{slope}=0$ **11**

Find the slope of segment AB

Point A : $(4, 2)$

Point B : $(9, 8)$

A $\frac{2}{5}$	B $\frac{3}{4}$	C $\frac{3}{5}$
D $-\frac{6}{5}$	E $\frac{6}{5}$	F $\frac{5}{6}$

12 $f(0) = 0$ $f(7) = 3$

A 0.43	B -1.25	C 2.33
D -1.5	E -0.17	F 1.75