



Interpret the slope of a linear relation

1

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

X	Y
0	3.2
1	3
2	2.8
3	2.6
4	2.4

A $m = -5$	B $m = 0.2$
C $m = -0.2$	D $m = -0.1$

2

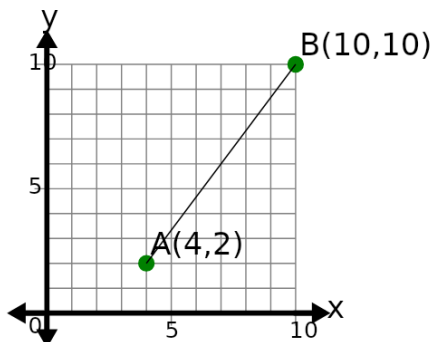
What slope would this line of X, Y values have?

X	Y
0	3
1	2
2	1
3	0
4	-1

A $m = \frac{1}{2}$
B $m = -1$
C $m = 1$

3

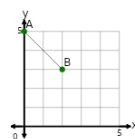
How would you find the slope of segment AB?



A $\frac{10 - 4}{10 - 2}$
B $\frac{10 - 2}{10 - 4}$

4

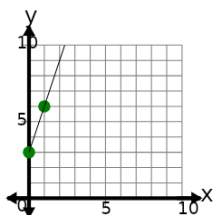
Find the slope of the line between Point A and Point B given that Y decreases by 2 and X increases by 2



A -3	B 2.25	C -1
D -2	E -0.5	F -0.4

5

What slope does the line on this graph have?



A $m = 3$	B $m = 0.33$	C $m = 1.5$	D $m = -3$
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6

$f(4) = 2$ $f(5) = 7$

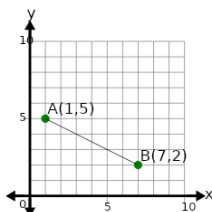
A 11	B 1.75	C 5
D 1.5	E 0.2	F 2



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7

Is the slope of segment AB equal to -2



A No

B Yes

8

Is the slope of segment AB equal to -2

Point A : (2, 5)

Point B : (6, 3)

A

No

B

Yes

9

(6, 3) and (10, 7)

A

1.75

B

2.2

C

0.8

D

1

E

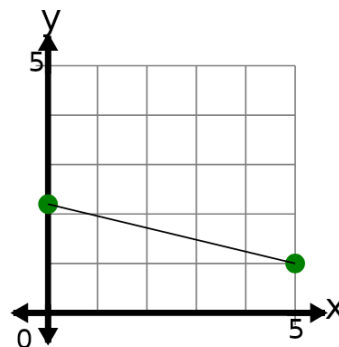
1.5

F

2.8

10

What slope does the line on this graph have?



A

$$m = -5$$

B

$$m = -\frac{1}{5}$$

C

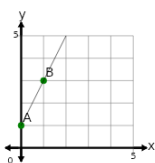
$$m = \frac{5}{2}$$

D

$$m = \frac{1}{5}$$

11

Find the slope of the line between Point A and Point B



A -1.25

B 0.4

C 2

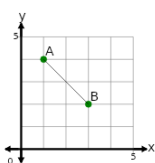
D 2.8

E 4

F 5.6

12

Find the slope of the line between Point A and Point B



A -1.2

B -1.5

C -1

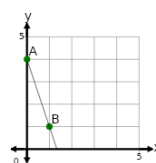
D 0.2

E -2.8

F 2.25

13

Find the slope of the line between Point A and Point B



A -0.33

B -2.5

C -8.4

D 0.6

E -3

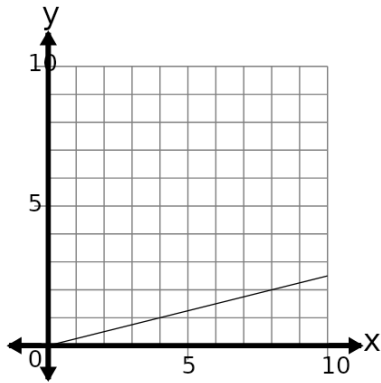
F 3



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14

Select the equation that would result in the line on the graph as shown



A $y = 1.25x - 1.5$

B $y = -0.25x$

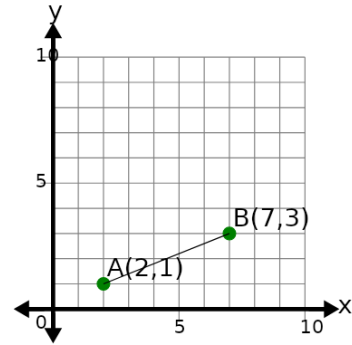
C $y = -0.25x + 1.5$

D $y = -2.25x$

E $y = 0.25x$

15

Find the slope of segment AB



A $-\frac{2}{5}$

B $\frac{5}{2}$

C 1

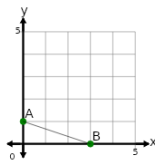
D $\frac{2}{9}$

E $\frac{2}{5}$

F $\frac{1}{5}$

16

Find the slope of the line between Point A and Point B



A -3

B 0.33

C -0.33

D -0.5

E 0

F 0.75