



Recognize constant rate of change in a graph

1 $m = -2$

A

X	Y
0	2
1	1.5
2	1
3	0.5
4	0

B

X	Y
0	2
1	0
2	-2
3	-4
4	-6

2

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

$$m = \frac{1}{3}$$

A

X	Y
0	2
1	2.33
2	2.67
3	3
4	3.33

B

X	Y
0	2
1	5
2	8
3	11
4	14

3

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

X	Y
0	3
1	4
2	5
3	6
4	7

A

 $m = -1$

B

 $m = 1$

C

 $m = 0.5$ **4**

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

X	Y
0	1
1	1.25
2	1.5
3	1.75
4	2

A

$$m = -\frac{1}{4}$$

B

$$m = \frac{1}{4}$$

C

$$m = 4$$

D

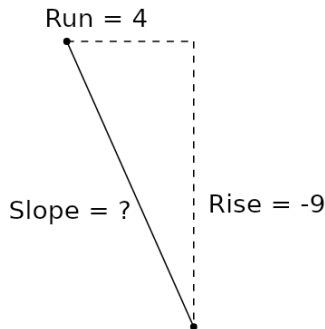
$$m = -\frac{4}{2}$$



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



A

$$-4 \cdot -9$$

B

$$\frac{-9}{4}$$

C

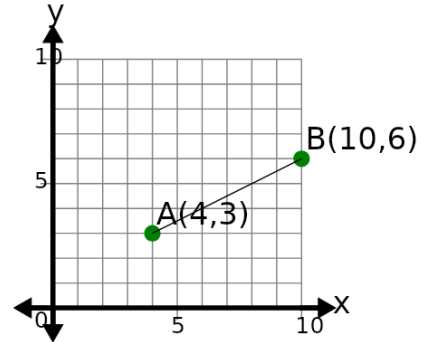
$$4 \cdot -9$$

D

$$\frac{-9}{-4}$$

6

How would you find the slope of segment AB?



A

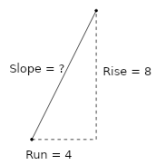
$$\frac{6 - 3}{10 - 4}$$

B

$$\frac{10 - 4}{6 - 3}$$

7

Calculate the slope of the line given that slope is rise/run



A 4.4

B 2.8

C -1.2

D 0

E 0.5

F 2

8

(1, 4) and (5, 6)

A

0.7

B

0.5

C

0.4

D

-0.1

E

-0.5

F

1.1

9

Is the slope of segment AB equal to $-\frac{4}{5}$

Point A: (4, 7)

Point B: (8, 2)

A

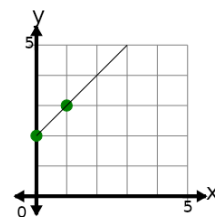
No

B

Yes

10

What slope does the line on this graph have?



A

 $m = -1$

B

 $m = 1$

C

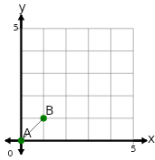
 $m = 0.5$



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11

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



A 3

B -0.6

C 1

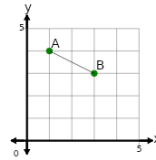
D -0.8

E -0.4

F 1.4

12

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



A 0.25

B -0.5

C -1.75

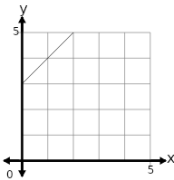
D -1.5

E -2

F -1.1

13

Find the slope of the line



A 0.75

B -0.75

C 1

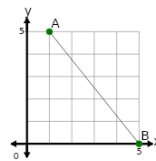
D 0

E 1.4

F 1.25

14

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



A -1.25

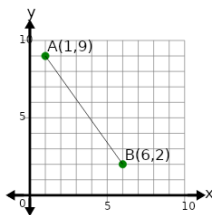
B -3.5

C 0.5

D -1.75

E -0.5

F 0

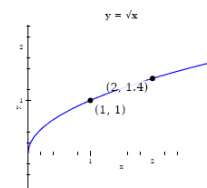
15Is the slope of segment AB equal to $-7/5$ 

A No

B Yes

16

Find the average rate of change between the two marked points (2, 1.4) and (1, 1).



A 0.4

B -1.6

C -0.4

D 2.4