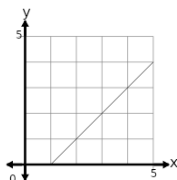


Determine the rate of change from an equation

1

Find the slope of the line



A -0.6

B -1.25

C -0.8

D -1.5

E 1

F 0.5

2

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

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

A

 $m=2$

B

 $m=-2$

C

 $m=-1$

D

 $m=-0.5$ **3**

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

X	Y
0	2
1	4
2	6
3	8
4	10

A

 $m=2$

B

 $m=\frac{1}{2}$

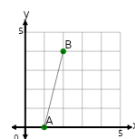
C

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

D

 $m=-2$ **4**

Find the slope of the line between Point A and Point B given that Y increases by 4 and X increases by 1



A 5.6

B 0.25

C -0.5

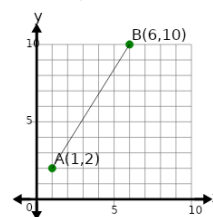
D -2.4

E 4

F -2.25

5

Is the slope of segment AB equal to 5/8



A Yes

B No

6

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

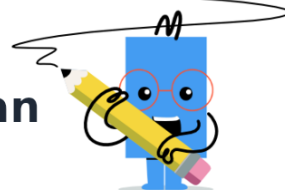
$$m = -\frac{1}{4}$$

A

X	Y
0	2.25
1	2
2	1.75
3	1.5
4	1.25

B

X	Y
0	2.25
1	-1.75
2	-5.75
3	-9.75
4	-13.75



Determine the rate of change from an equation

7 $m=2$

A

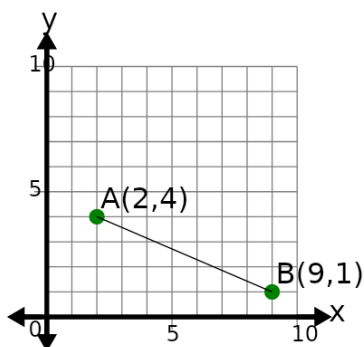
X	Y
0	3
1	5
2	7
3	9
4	11

B

X	Y
0	3
1	1
2	-1
3	-3
4	-5

8

How would you find the slope of segment AB?



A

$$\frac{9-2}{1-4}$$

B

$$\frac{1-4}{9-2}$$

9

(2, 8) and (4, 10)

A

2.8

B

1

C

-0.75

D

2

E

0

F

0.6

10 $f(7) = 3$ $f(10) = 6$

A

0.2

B

1

C

2

D

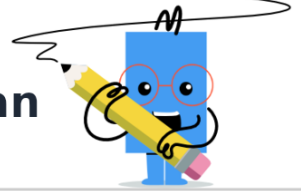
2.4

E

2.8

F

1.4

**Determine the rate of change from an equation****11** $m = -1$

A

$$y = \frac{1}{2}x + 4$$

B

$$y = 1x + 4$$

C

$$y = -1x + 4$$

12 $m = -0.5$

A

$$y = -\frac{1}{2}x + 1.5$$

B

$$y = -2x + 1.5$$

C

$$y = \frac{2}{2}x + 1.5$$

D

$$y = \frac{1}{2}x + 1.5$$

13

What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$y = 3x + 2$$

A

$$y = \frac{3}{2}x$$

B

$$y = -3x$$

C

$$y = 3x$$

D

$$y = \frac{1}{3}x$$

14

What slope would be PARALLEL to the slope of this line equation?

$$y = -\frac{1}{3}x + 1.33$$

A

 $m = 0.33$

B

 $m = -0.33$

C

 $m = -3$

D

 $m = -0.17$