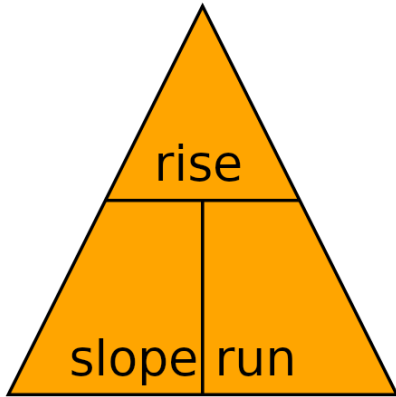


Interpret slope as a rate of change

1

Which slope fact comes from this fact family



A

$$\text{slope} \cdot \text{run} = \text{rise}$$

B

$$\text{rise} \cdot \text{run} = \text{slope}$$

C

$$\text{slope} \cdot \text{rise} = \text{run}$$

2

What fact family triangle would give this slope fact?

$$\text{run} \cdot \text{slope} = \text{rise}$$

A



B



C

**3**

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

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

A

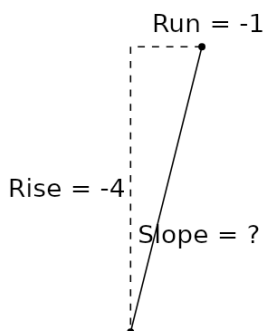
X	Y
0	2.5
1	3
2	3.5
3	4
4	4.5

B

X	Y
0	2.5
1	2
2	1.5
3	1
4	0.5

4

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



A

$$1 \cdot -4$$

B

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

C

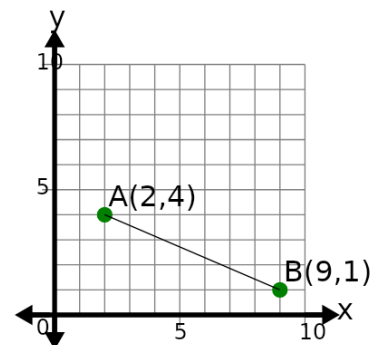
$$-1 \cdot -4$$

D

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

5

How would you find the slope of segment AB?

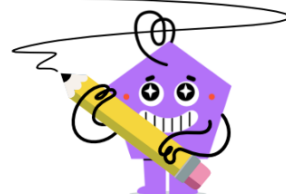


A

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

B

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



Interpret slope as a rate of change

6

How would you find the slope of segment AB?

Point A: (6, 2)

Point B: (9, 9)

A

$$\frac{9-6}{9-2}$$

B

$$\frac{9-2}{9-6}$$

7

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

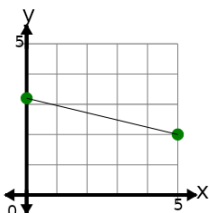
$m=0.5$

C

$m=-1$

8

What slope does the line on this graph have?



A

$m=-0.1$

B

$m=0.2$

C

$m=-5$

D

$m=-0.2$

9

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

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

A

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

B

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

C

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

D

$m=-2$

10

(4, 7) and (6, 8)

A

-2.5

B

2

C

0.5

D

0.2

E

0.9

F

-1.5

11 $f(4) = 1$ $f(6) = 3$

A

1

B

2.6

C

-2.25

D

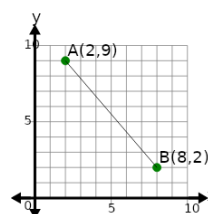
0.75

E

2.25

F

-1

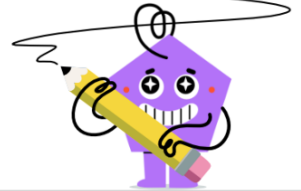
12Is the slope of segment AB equal to $-7/6$?

A

Yes

B

No



Interpret slope as a rate of change

13

Is the slope of segment AB equal to $\frac{3}{5}$

Point A : (3,2)

Point B : (8,5)

A

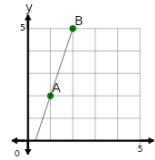
Yes

B

No

14

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



A 1.25

B 3

C 3.6

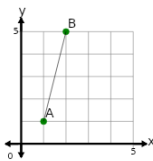
D -1.5

E 4.2

F 5.4

15

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



A 11.2

B -0.8

C 9.6

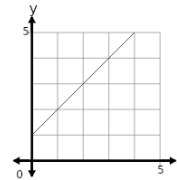
D 1.5

E -1.25

F 4

16

Find the slope of the line



A 1.6

B 1

C -2.5

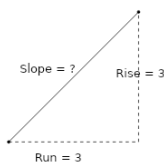
D 2.8

E 1.8

F -0.2

17

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



A 2.8

B 0.5

C 1

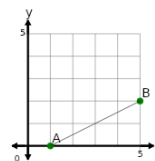
D 2.2

E 0.4

F 1.75

18

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



A -2.5

B -0.5

C 0.2

D 0.5

E 2

F 0.1

19

Calculate the slope of the ski jump given that slope is rise/run



A 0.1

B 10

C 26

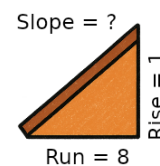
D 0.5

E 16

F -1.75

20

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



A -2.25

B 0.23

C 0.13

D 0.08

E 0.3

F 8