

**Determine slope from a table**

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

$$m = 5$$

A

X	Y
0	2
1	7
2	12
3	17
4	22

B

X	Y
0	2
1	-3
2	-8
3	-13
4	-18

- 2** What equation would create this chart of X, Y values?

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

A

$$y = -2x + 2$$

B

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

C

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

D

$$y = 2x + 2$$

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

X	Y
0	1
1	1.2
2	1.4
3	1.6
4	1.8

A

$$m = -0.2$$

B

$$m = 5$$

C

$$m = 0.2$$

D

$$m = 0.1$$

- 4** What line equation would create this set of X, Y values?

X	Y
0	2.2
1	2
2	1.8
3	1.6
4	1.4

A

$$y = \frac{1}{5}x + 2.2$$

B

$$y = -\frac{1}{5}x + 2.2$$

C

$$y = \frac{5}{2}x + 2.2$$

D

$$y = -5x + 2.2$$

- 5** What slope would this line equation have?

$$y = 1x$$

A

$$m = 1$$

B

$$m = 0.5$$

C

$$m = -1$$

**Determine slope from a table****6**

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

X	Y
0	1
1	6
2	11
3	16
4	21

A

$$m = 5$$

B

$$m = -5$$

C

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

D

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

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What equation would create this chart of X, Y values?

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

A

$$y = -1x + 3$$

B

$$y = -\frac{1}{2}x + 3$$

C

$$y = 1x + 3$$

8

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

$$m = 0.2$$

B

$$m = -0.1$$

C

$$m = -5$$

D

$$m = -0.2$$

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What line equation would create this set of X, Y values?

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

A

$$y = 1x + 1$$

B

$$y = -1x + 1$$

C

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

10

What slope would this line equation have?

$$y = 3x$$

A

$$m = 3$$

B

$$m = 0.33$$

C

$$m = -3$$

D

$$m = 1.5$$