



Write an equation from a table

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

X	Y
0	0.33
1	0
2	-0.33
3	-0.67
4	-1

A $m = -0.17$	B $m = -0.33$
C $m = 0.33$	D $m = -3$

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

X	Y
0	3
1	0
2	-3
3	-6
4	-9

A $m = -\frac{3}{2}$
B $m = 3$
C $m = -3$
D $m = -\frac{1}{3}$

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

X	Y
0	0.25
1	0.5
2	0.75
3	1
4	1.25

A $y = \frac{1}{4}x$	B $y = \frac{4}{2}x$
C $y = -4x$	

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

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

A $y = 2x + 1$
B $y = -2x + 1$
C $y = \frac{2}{2}x + 1$
D $y = \frac{1}{2}x + 1$

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

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

A $y = -2x + 2$
B $y = -\frac{2}{2}x + 2$
C $y = 2x + 2$
D $y = -\frac{1}{2}x + 2$

**Write an equation from a table****6**

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

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

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

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

C $y = -2x + 2$

D $y = 2x + 2$

7

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

X	Y
0	3
1	0
2	-3
3	-6
4	-9

A $y = 3x + 3$

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

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

D $y = -3x + 3$

8

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

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

A $y = -1x + 2$

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

C $y = 1x + 2$

9

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

X	Y
0	3
1	3.33
2	3.67
3	4
4	4.33

A $y = 3x + 3$

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

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

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

**Write an equation from a table****10**

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

$$y = -1x + 3$$

11

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

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

A

$$y = 1x + 1$$

B

$$y = -1x + 1$$

C

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

12

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

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

A

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

B

$$y = 5x + 1$$

C

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

D

$$y = -\frac{5}{2}x + 1$$