

Write an equation from a table of values

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

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

A $m = -1$	B $m = -0.5$
C $m = 1$	

- 2 Find the y intercept of this function

$$y = -3x + 7$$

A 15	B 3	C 8
D 7	E 13	F 1

- 3 Find the y intercept of this function by setting x to zero and solving

$$y = -2x + 6.9$$

A 3.9	B 5.4	C 6.9
D 9.9	E 7.7	F 9.2

- 4 What line equation would have this slope?

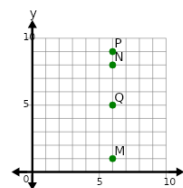
$$m = 2$$

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

- 5 $m = 0.25$

A $y = 4x + 3$	B $y = \frac{1}{4}x + 3$
C $y = -\frac{4}{2}x + 3$	D $y = -\frac{1}{4}x + 3$

- 6 For the equation $y = -0.333x + 10$, what point is at $x = 6$?

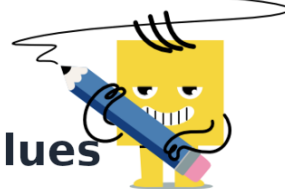


A M	B P	C N	D Q
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- 7 What line equation would create this set of X, Y values?

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

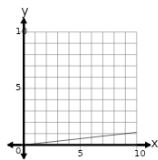
A $y = \frac{1}{4}x$	B $y = -4x$
C $y = \frac{4}{2}x$	



Write an equation from a table of values

8

Select the equation that would result in the line shown with a slope of 0.11



A $y = -0.89x$

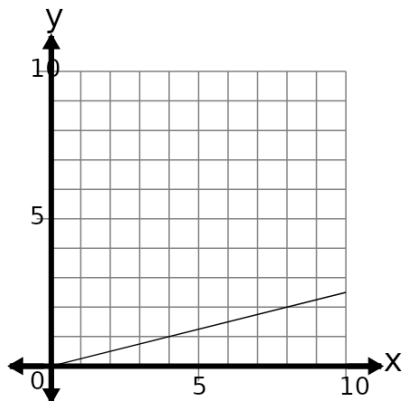
B $y = 0.11x$

C $y = -1.39x - 1.5$

D $y = -0.11111059920572769$

9

Select the equation that would result in the line shown with a y-intercept of 0 and a slope of 0.25



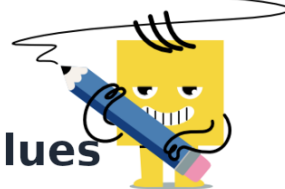
A $y = 2.25x - 1.5$

B $y = -0.2500023035742258$

C $y = 1.75x - 1.5$

D $y = 0.25x$

E $y = -2.25x + 1.5$

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

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

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

C

$$y = -1x + 1$$

11

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

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

A

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

B

$$y = -1x + 3$$

C

$$y = 1x + 3$$

12

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

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

A

$$y = 2x + 2$$

B

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

C

$$y = -2x + 2$$

D

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