



Represent linear relationships using graphs

- 1** What chart of X, Y values matches this equation?

$$y = -2x + 3$$

A

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

B

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

- 2** What chart of X, Y values matches this line equation?

$$y = -3x + 3$$

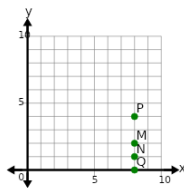
A

X	Y
0	3
1	2.67
2	2.33
3	2
4	1.67

B

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

- 3** For the equation $y = 0.125x - 0$, what point is at $x = 8$?



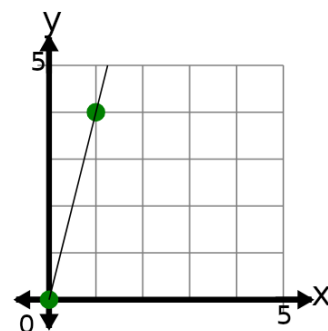
A P

B M

C Q

D N

- 4** What line equation would create the line on this graph?



A

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

B

$$y = -4x$$

C

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

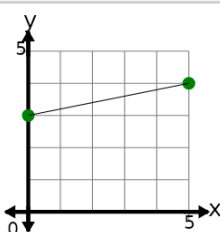
D

$$y = 4x$$

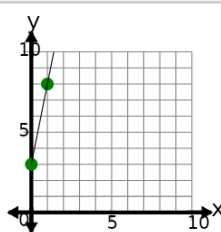
- 5** What graphed line shows this line equation?

$$y = 5x + 3$$

A



B

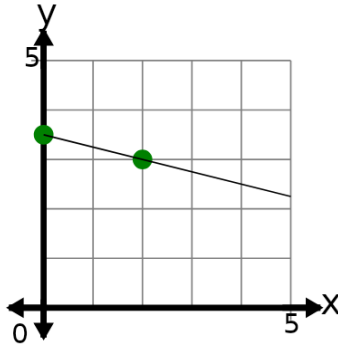




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What chart of X, Y values matches this graph?



A

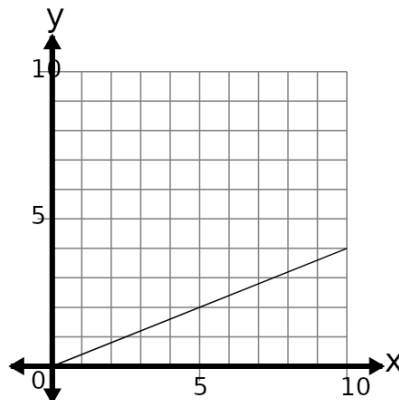
X	Y
0	3.5
1	4
2	4.5
3	5
4	5.5

B

X	Y
0	3.5
1	3
2	2.5
3	2
4	1.5

7

Select the equation that would result in the line on the graph as shown



A

$$y = 1.9x - 1.5$$

B

$$y = -0.4000018428593806$$

C

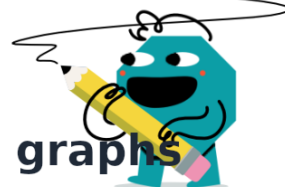
$$y = 0.4x$$

D

$$y = -1.1x + 1.5$$

E

$$y = -0.1x$$

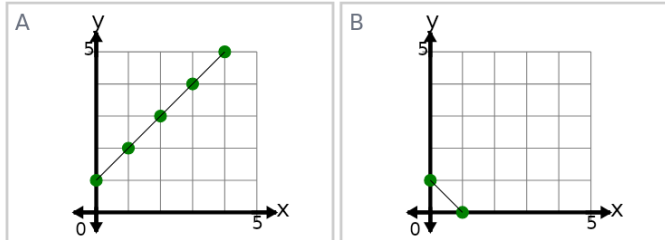


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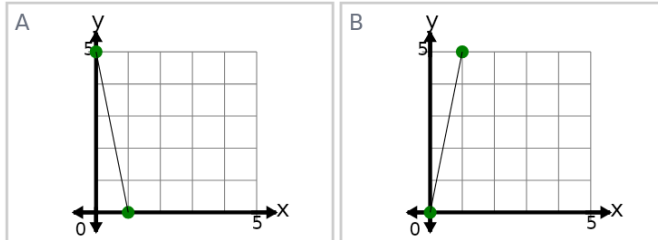
What graphed line shows this equation?

$$y = -1x + 1$$

**9**

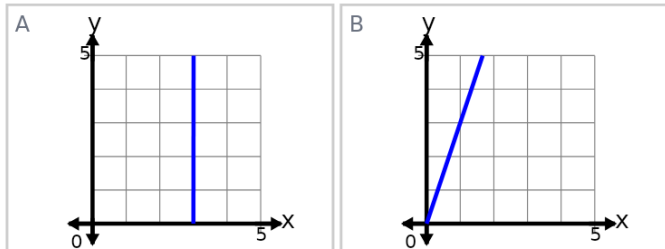
What graphed line shows this line equation?

$$y = 5x$$

**10**

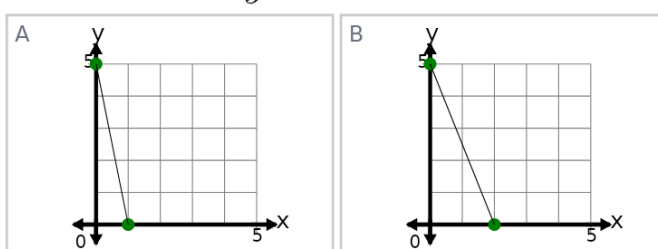
What graphed line shows this line equation?

$$x = 3$$

**11**

What graphed line shows this line equation?

$$y = -5x + 5$$

**12**

What graphed line shows this equation?

$$y = 1x + 3$$

