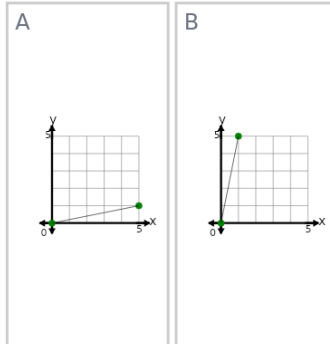




Graph a linear equation

- 1 What graphed line shows this line equation?

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

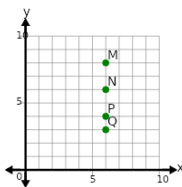


- 2 What chart of X, Y values matches this equation?

$$y = 1x + 1$$

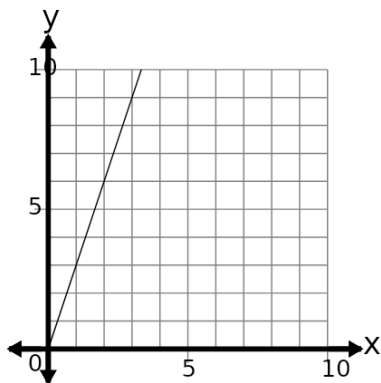
A		B	
X	Y	X	Y
0	1	0	1
1	2	1	-1
2	3	2	-3
3	4	3	-5
4	5	4	-7

- 3 For the equation $y = -0.5x + 9$, what point is at $x = 6$?



- A N B Q C P D M

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



- A $y = -3$ B $y = 7x + 3$
C $y = -1x - 3$ D $y = 6x - 3$
E $y = 3x$

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

X	Y
0	2
1	2.25
2	2.5
3	2.75
4	3

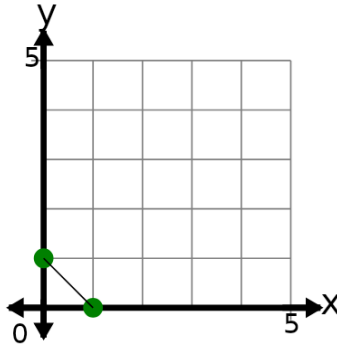
- A $y = -\frac{1}{4}x + 2$
B $y = 4x + 2$
C $y = \frac{1}{4}x + 2$
D $y = -\frac{4}{2}x + 2$



Graph a linear equation

6

What chart of X, Y values matches this graph?



A

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

B

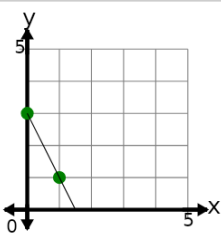
X	Y
0	1
1	0
2	-1
3	-2
4	-3

7

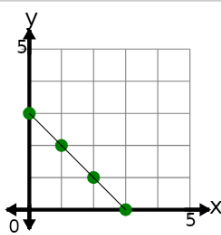
What graphed line shows this equation?

$$y = -2x + 3$$

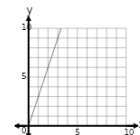
A



B

**8**

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



A

$$y = 3x$$

B

$$y = -2x - 3$$

C

$$y = -1x$$

D

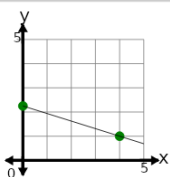
$$y = 3x + 3$$

9

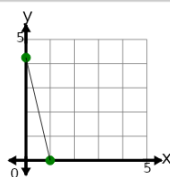
What graphed line shows this line equation?

$$y = -\frac{1}{4}x + 2.25$$

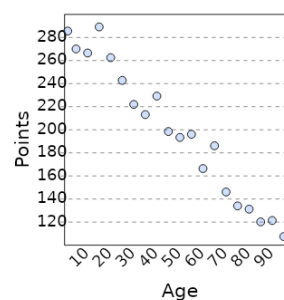
A



B

**10**

$$\text{Points} = -2 \cdot \text{Age} + 300$$



A



B



C



D

