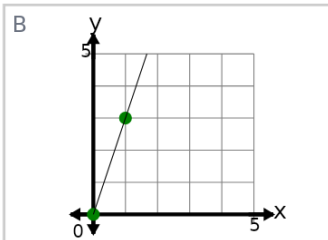
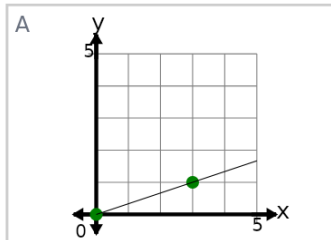


Write the equation of a line from its slope and y-intercept

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

$$y = 3x$$



- 2** Find the y intercept of this function

$$y = -1x - 0$$

A
-10

B
-5

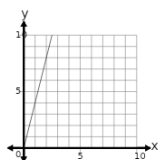
C
-6

D
4

E
-2

F
0

- 3** Select the equation that would result in the line shown with a slope of 4



A $y = 4x$

B $y = -3.999963143151997$

C $y = 2x$

D $y = 1x$

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

$$y = -3x + 0.3$$

A
-1.2

B
0.3

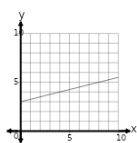
C
3.3

D
1.8

E
-0.5

F
-2

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



A $y = -0.25x + 3$

B $y = -3x - 0.25$

C $y = 0.25x + 3$

D $y = -0.75x + 3$

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

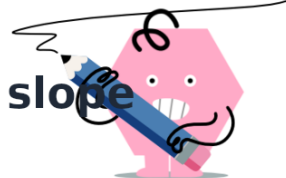
$$m = -3$$

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

B $y = 3x + 3$

C $y = -3x + 3$

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



Write the equation of a line from its slope and y-intercept

7 $m = -0.5$

A

$$y = -\frac{1}{2}x + 3.5$$

B

$$y = -2x + 3.5$$

C

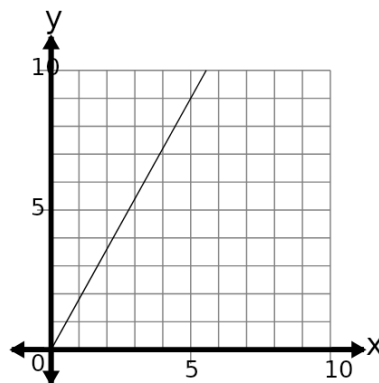
$$y = \frac{2}{2}x + 3.5$$

D

$$y = \frac{1}{2}x + 3.5$$

8

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



A

$$y = 3.8x + 1.5$$

B

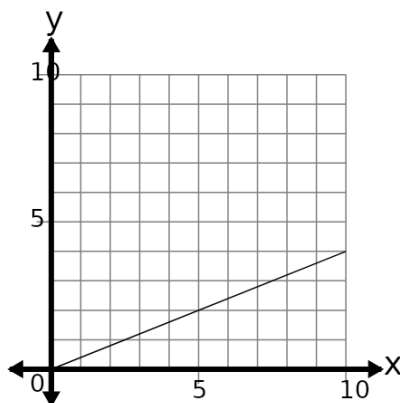
$$y = 1.8x$$

C

$$y = -1.7999933657306821$$

9

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



A

$$y = 1.9x - 1.5$$

B

$$y = -0.1x$$

C

$$y = -1.1x + 1.5$$

D

$$y = 0.4x$$

E

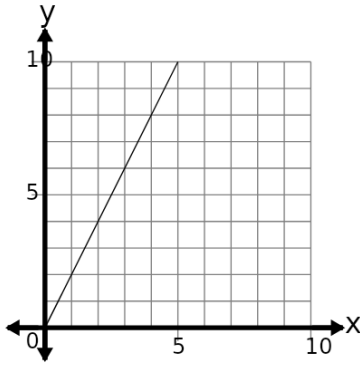
$$y = -0.4000018428593806$$



Write the equation of a line from its slope and y-intercept

10

Select the equation that would result in the line shown with a y-intercept of 0 and a slope of 2



A $y = 2x$

B $y = 1x$

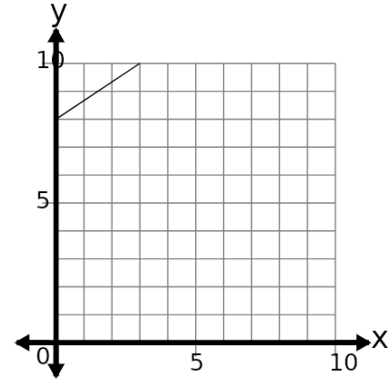
C $y = -3x - 3$

D $y = -3x$

E $y = 6x$

11

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



A $y = 1.17x + 6.5$

B $y = -0.83x + 6.5$

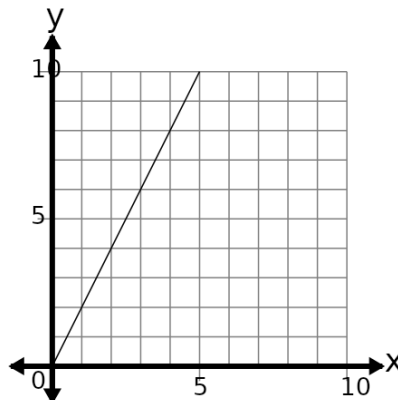
C $y = 0.67x + 8$

D $y = -8x - 0.67$

E $y = 2.67x + 9.5$

12

Select the equation that would result in the line shown with a y-intercept of 0 and a slope of 2



A $y = 2x$

B $y = -3x + 3$

C $y = -1.9999999999999998$

D $y = -3x - 3$

E $y = 5x$