

**Determine the y-intercept from a graph****1**

Find the y intercept of this function

$$y = 1x + 8$$

A

8

B

10

C

5

D

-2

E

4

F

2

2

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

$$y = -2x - 3.3$$

A

-4.1

B

-2.5

C

-3.3

D

-1.8

E

-0.3

F

-1

3

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

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

A

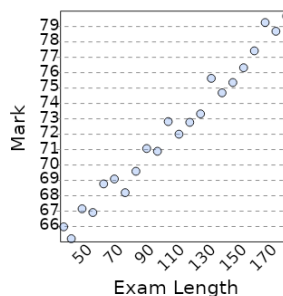
$$y = -1x + 3$$

B

$$y = 1x + 3$$

C

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

4Mark = $0.1 \cdot \text{Exam Length} + 62$ 

A



B



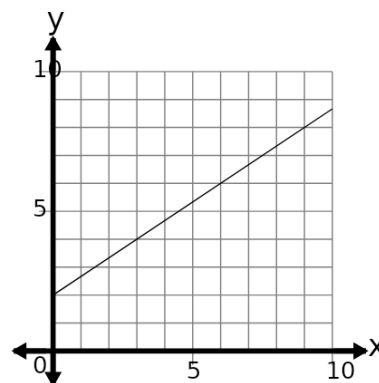
C



D

**5**

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



A

$$y = 0.67x + 0.5$$

B

$$y = 1.17x + 3.5$$

C

$$y = -1.33x + 3.5$$

D

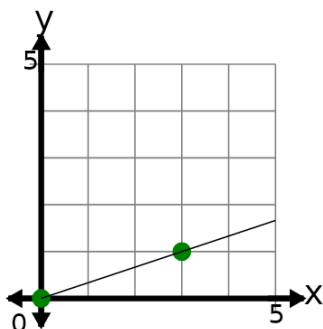
$$y = 0.67x + 2$$

E

$$y = -2x - 0.67$$

**Determine the y-intercept from a graph****6**

What line equation would create the line on this graph?



A

$$y = -3x$$

B

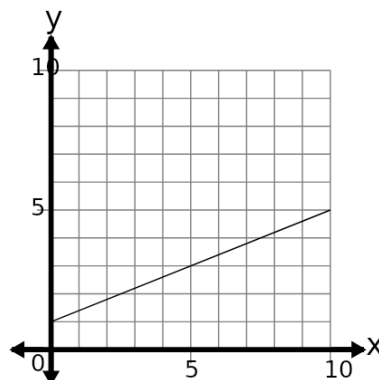
$$y = \frac{1}{3}x$$

C

$$y = \frac{3}{2}x$$

7

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



A

$$y = 0.4x + 1$$

B

$$y = -0.6x - 0.5$$

C

$$y = -0.1x - 0.5$$

D

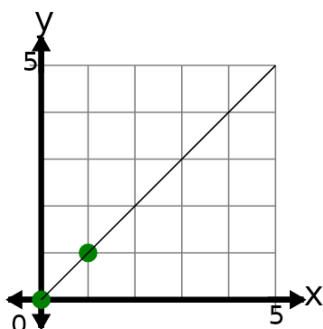
$$y = 0.9x + 2.5$$

E

$$y = -0.4x + 1$$

8

What line equation would create the line on this graph?



A

$$y = -1x$$

B

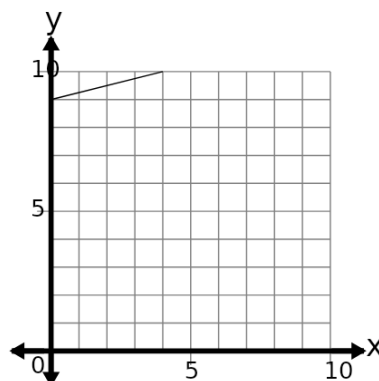
$$y = \frac{1}{2}x$$

C

$$y = 1x$$

9

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



A

$$y = 0.25x + 7.5$$

B

$$y = 0.25x + 9$$

C

$$y = 1.25x + 7.5$$

D

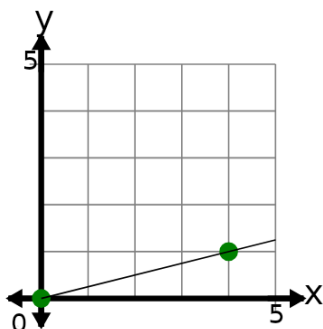
$$y = -0.75x + 10.5$$

E

$$y = -0.25x + 9$$

**Determine the y-intercept from a graph****10**

What line equation would create the line on this graph?



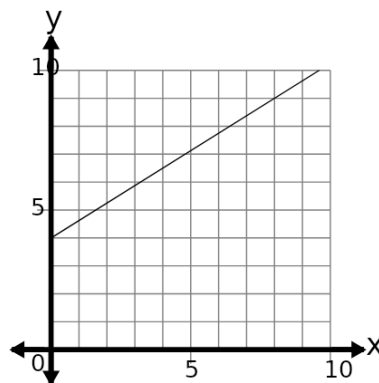
A $y = \frac{1}{4}x$

B $y = -4x$

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

11

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



A $y = 1.12x + 5.5$

B $y = 0.62x + 4$

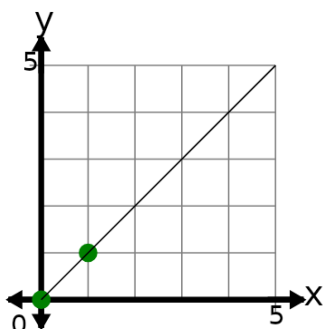
C $y = -4x - 0.62$

D $y = 0.12x + 5.5$

E $y = 1.62x + 5.5$

12

What line equation would create the line on this graph?



A $y = -1x$

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

C $y = 1x$