

**Write equations in slope-intercept form****1**

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

$$y = -6x + 7.1$$

A

9.4

B

6.3

C

8.6

D

7.1

E

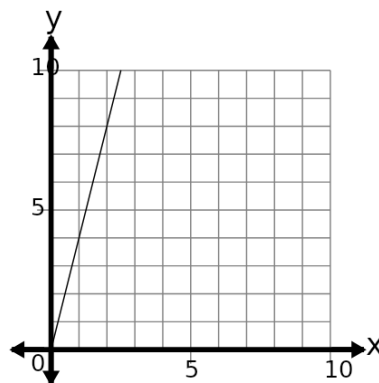
5.6

F

4.1

2

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



A

$$y = 5x$$

B

$$y = 0$$

C

$$y = 7x - 3$$

D

$$y = 3$$

E

$$y = 4x$$

3 $m=5$

A

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

B

$$y = \frac{5}{2}x$$

C

$$y = 5x$$

D

$$y = -5x$$

4

What line equation would be equivalent to this standard form line equation?

$$-5x + 1y = 0$$

A

$$y = \frac{5}{2}x$$

B

$$y = -5x$$

C

$$y = 5x$$

D

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

5

(5, 5) and (6,10)

A

$$y = -3x + 20$$

B

$$y = \frac{1}{5}x + 4$$

C

$$y = 2x + -5$$

D

$$y = 5x + -20$$

E

$$y = 6x + -25$$

F

$$y = 5x + -24$$

6

(4, 8) and (10,10)

A

$$y = 3x + -4$$

B

$$y = \frac{1}{3}x + \frac{4}{3}$$

C

$$y = \frac{1}{3}x + 9$$

D

$$y = \frac{1}{2}x + 6$$

E

$$y = \frac{1}{3}x + \frac{20}{3}$$

F

$$y = \frac{1}{3}x + \frac{13}{3}$$

**Write equations in slope-intercept form****7** $m=0.5$

A

$$y = 2x + 1$$

B

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

C

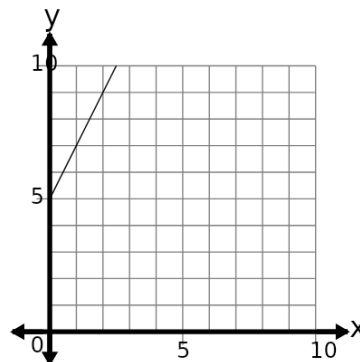
$$y = -\frac{1}{2}x + 1$$

D

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

8

Select the equation that would result in the line shown with a y-intercept of 5 and a slope of 2



A

$$y = -2x + 2$$

B

$$y = 2$$

C

$$y = 2x + 5$$

D

$$y = -5x - 2$$

E

$$y = 3x + 5$$

9

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

$$y = 4x + 2$$

B

$$y = -\frac{1}{4}x + 2$$

C

$$y = \frac{1}{4}x + 2$$

D

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

10

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

X	Y
0	3
1	3.33
2	3.67
3	4
4	4.33

A

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

B

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

C

$$y = 3x + 3$$

D

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