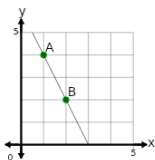




Solve systems of linear equations by graphing

1

Find the slope of the line between Point A and Point B



A -1.5

B -2

C -0.5

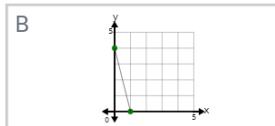
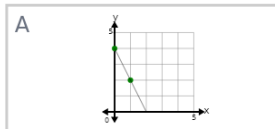
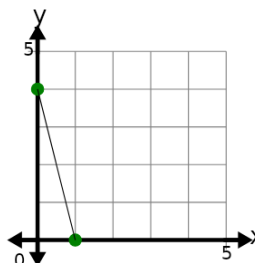
D -0.75

E -0.4

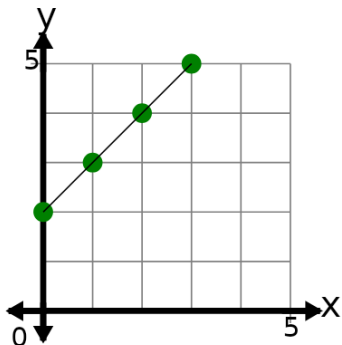
F 0.8

2

What line has a slope that is PARALLEL to the slope of the line on this graph?

**3**

What equation would create this graph?



A

$$y = -1x + 2$$

B

$$y = 1x + 2$$

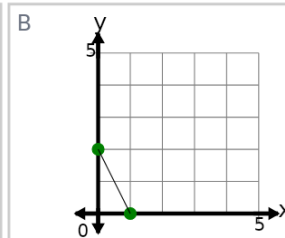
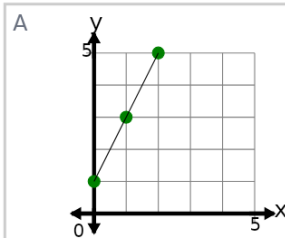
C

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

4

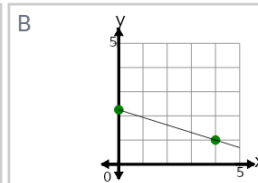
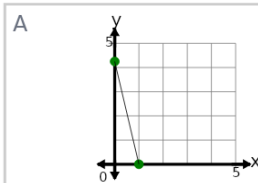
What graphed line shows this equation?

$$y = 2x + 1$$

**5**

What graphed line shows this line equation?

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

**6**

The lines are the same line

A

One solution

B

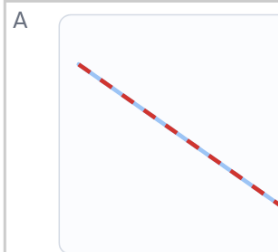
Zero solutions

C

Infinitely many solutions

7

Zero solutions

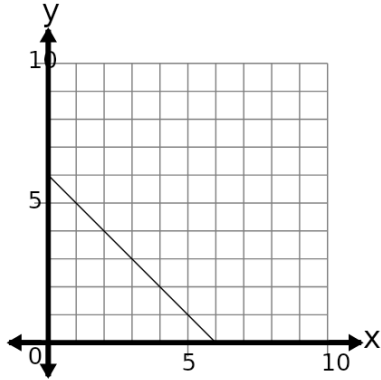




Solve systems of linear equations by graphing

8

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



A $y = 2x + 9$

B $y = 6$

C $y = -1x + 6$

D $y = -2x + 9$

E $y = 3x + 9$

9

Which graph matches this system of linear equations?

$$2x + y = -8$$

$$2x + 2y = 8$$

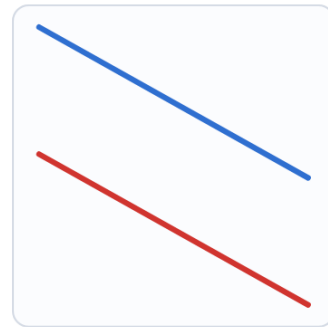
A



B

**10**

Which pair of linear equations matches this graph?



A

$$4x + 2y = 0$$

$$12x + 6y = 0$$

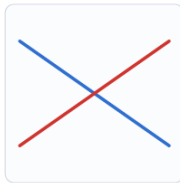
B

$$x + 4y = -8$$

$$x + 4y = -11$$

11

How many solutions does this system of linear equations have?



A One solution

B Infinitely many solutions

C Zero solutions

12

How many solutions does this system of linear equations have?



A Infinitely many solutions

B Zero solutions

C One solution