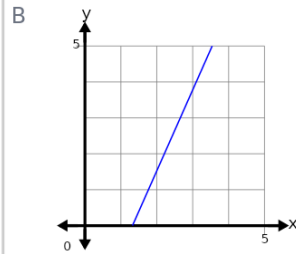
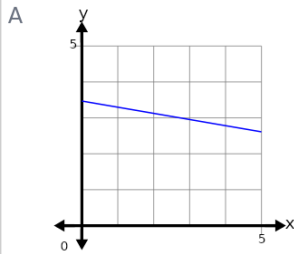


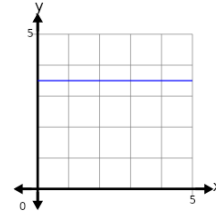


Represent linear relations using graphs

- 1** Which graph shows a line with a positive slope?



- 2** Describe the slope of the line.



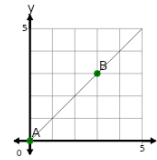
- A Shallow Negative B Zero C Steep Negative

- 3** When calculating slope, what is the name of the distance indicated?



- A Rise B Run

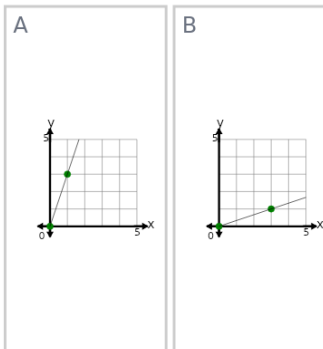
- 4** Find the slope of the line between Point A and Point B



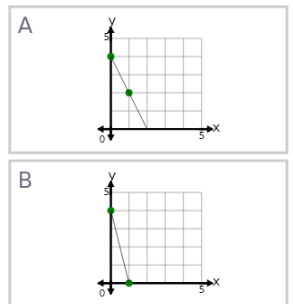
- A -0.25 B -0.6 C -2.25
D 2 E -1 F 1

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

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

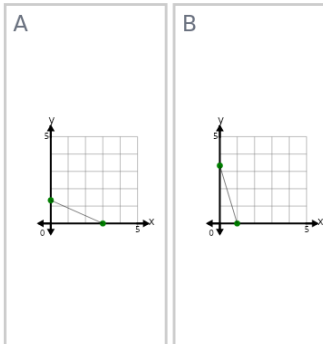


- 6** $m = -4$

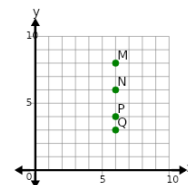


- 7** What line has a slope that is PARALLEL to this slope?

$$m = -\frac{1}{3}$$



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



- A P B Q C M D N



Represent linear relations using graphs

9

What chart of X, Y values matches this equation?

$$y = -1x + 3$$

A

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

B

X	Y
0	3
1	5
2	7
3	9
4	11

10

What chart of X, Y values matches this line equation?

$$y = -5x + 5$$

A

X	Y
0	5
1	0
2	-5
3	-10
4	-15

B

X	Y
0	5
1	10
2	15
3	20
4	25

11

What chart of X, Y values matches this line equation?

$$0.2x + 1y = 2.2$$

A

X	Y
0	2.2
1	2
2	1.8
3	1.6
4	1.4

B

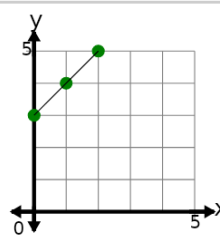
X	Y
0	2.2
1	-2.8
2	-7.8
3	-12.8
4	-17.8

12

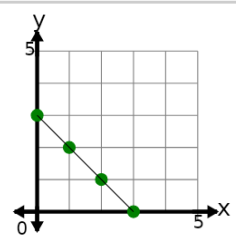
What graphed line shows this equation?

$$y = 1x + 3$$

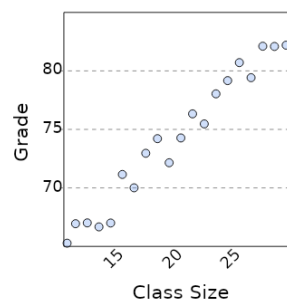
A



B

**13**

$$\text{Grade} = 1 \times \text{Class Size} + 55$$



A



B



C



D



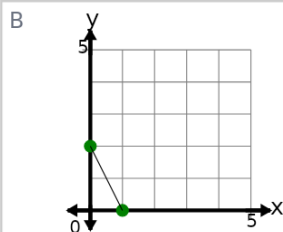
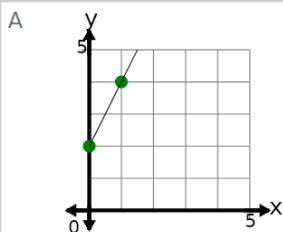


Represent linear relations using graphs

14

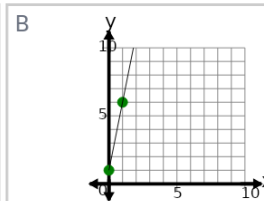
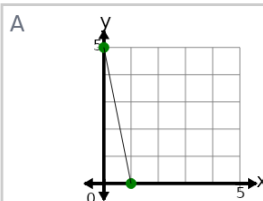
What graphed line shows this line equation?

$$y = 2x + 2$$

**15**

What graphed line shows this standard form line equation?

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

**16**

What graph shows this set of X, Y values?

X	Y
0	3.5
1	3
2	2.5
3	2
4	1.5

