

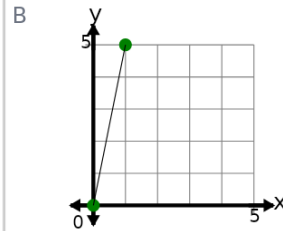
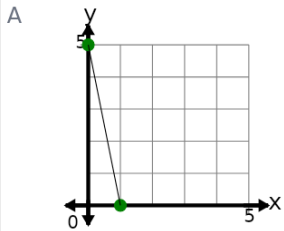


Identify the initial value of a linear relationship

1

What graphed line shows this line equation?

$$y = 5x$$

**2**

Find the y intercept of this function

$$y = 7x + 1$$

A

-3

B

-9

C

10

D

1

E

-2

F

-4

3

Find the y intercept of this function

$$y = 1x + 6.8$$

A

6

B

9.1

C

6.8

D

9.8

E

8.3

F

7.6

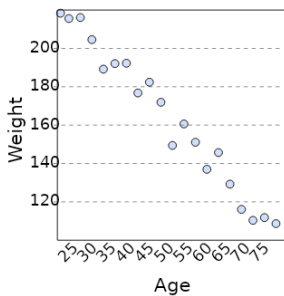
4

What graphed line shows this line equation?

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

A

B

5Weight = $-2 \cdot \text{Age} + 260$ 

A

B

C

D

6 $(2, 1)$ and $(9, 6)$, slope = $\frac{5}{7}$

A

1.29

B

-3.43

C

12.43

D

8.57

E

2.43

F

-0.43

7

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

$$3x + 1y = 2$$

A

-6

B

-3

C

5

D

-2

E

2

F

7

8

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

$$-12x + 6y = -5.1$$

A

-0.9

B

-0.1

C

0.7

D

-3.9

E

1.4

F

-3.1



Identify the initial value of a linear relationship

9

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

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

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

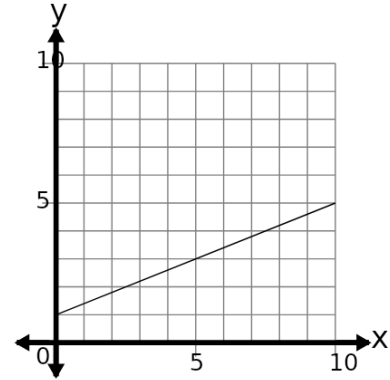
B $y = \frac{2}{2}x + 1$

C $y = -2x + 1$

D $y = 2x + 1$

10

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 $y = 0.9x + 2.5$

D $y = -0.1x - 0.5$

E $y = 0.4x + 1$

11

(0, 4) and (1, 1)

A $y = -3x + 12$

B $y = -\frac{5}{2}x + 4$

C $y = -3x + 4$

D $y = -3x + 0$

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

F $y = -3x + 11$

12

(2, 1) and (5, 8), slope = 7/3

A 5.67

B -3.67

C 2.33

D -11.67

E 19.67

F 4.33