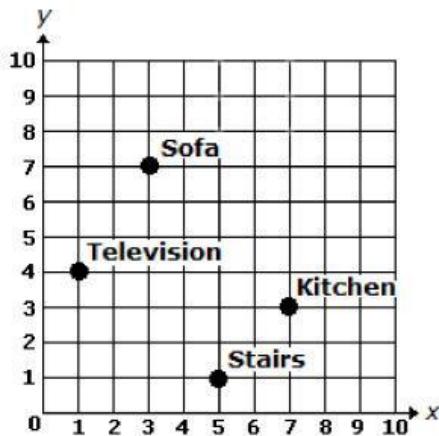


1.

Which statement is true about the ordered pair (3 , 6)?

- A. To plot the ordered pair (3 , 6), travel six units to the right on the y -axis and three units up on the x -axis, from the origin.
- B. To plot the ordered pair (3 , 6), travel six units to the right on the x -axis and three units up on the y -axis, from the origin.
- C. To plot the ordered pair (3 , 6), travel three units to the right on the y -axis and six units up on the x -axis, from the origin.
- D. To plot the ordered pair (3 , 6), travel three units to the right on the x -axis and six units up on the y -axis, from the origin.

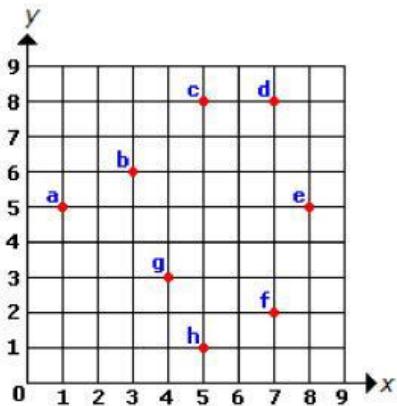
2. The graph shows some areas of an apartment.



Which of these is located at (3 , 7)?

- A. kitchen
- B. sofa
- C. stairs
- D. television

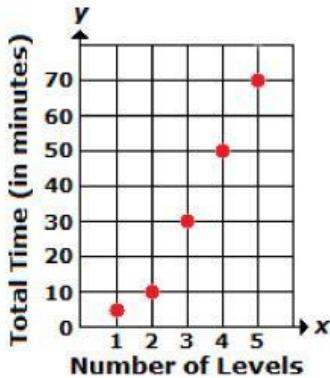
3.



What are the coordinates for point a?

- A. (8 , 5)
- B. (5 , 1)
- C. (5 , 8)
- D. (1 , 5)

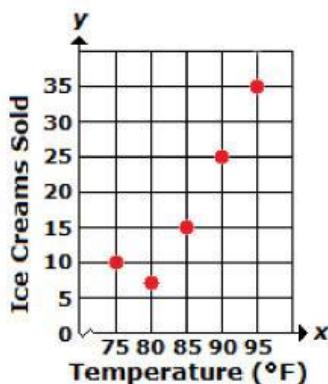
4. The graph below shows the total amount of time it took a student to build a toothpick tower.



What does point (4,50) represent?

- A. It took a total of 50 minutes to build the first four levels of the tower.
- B. It took a total of 4 minutes to build the first four levels of the tower.
- C. It took a total of 4 minutes to build the first fifty levels of the tower.
- D. It took a total of 50 minutes to build the first fifty levels of the tower.

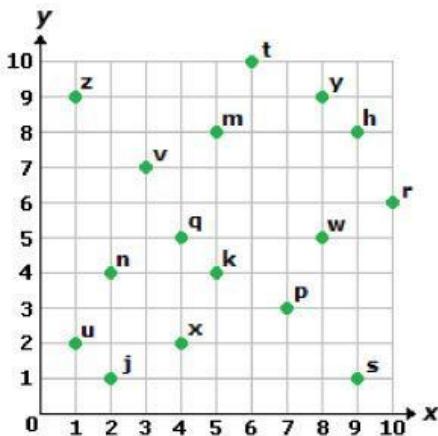
5. The graph below shows the sales of an ice cream vendor between 3 and 4 in the afternoon on different days and the average temperature during that hour.



What does point (85,15) represent?

- A. There were 85 ice creams sold when the temperature was 15°.
- B. There were 15 ice creams sold when the temperature was 85°.
- C. There were 85 ice creams sold when the temperature was 85°.
- D. There were 15 ice creams sold when the temperature was 15°.

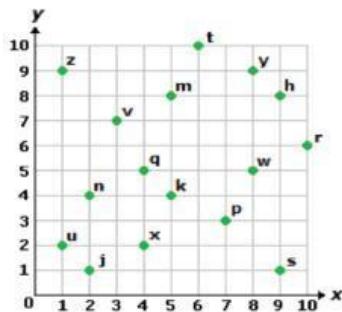
6. What are the coordinates for letter q?



- A. (4 , 5)
- B. (5 , 5)
- C. (4 , 4)
- D. (5 , 4)

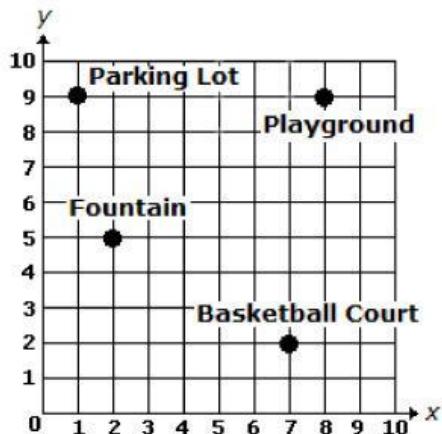
7.

Which letter is at point (6 , 10)?



- A. w
- B. r
- C. m
- D. t

8. The graph shows some areas of a local park.



Which ordered pair best represents the point on the graph labeled "Fountain"?

- A. (2 , 5)
- B. (4 , 6)
- C. (6 , 4)
- D. (5 , 2)

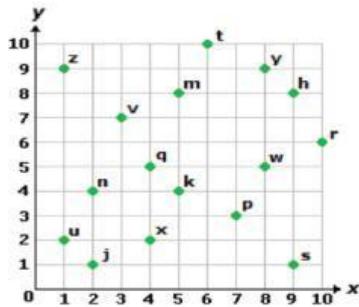
9. Which of the statements about the point (4, 9) are true?

- I. The x -coordinate is 4.
- II. The y -coordinate is 4.
- III. The point is 4 units from the x -axis.
- IV. The point is 9 units from the x -axis.

- A. I and III
- B. I and II
- C. II and III
- D. I and IV

10.

What are the coordinates for letter v?



- A. (6, 4)
- B. (7, 3)
- C. (3, 7)
- D. (4, 6)

11.

Which statement is true about the ordered pair (3 , 4)?

- A. To plot the ordered pair (3 , 4), travel three units to the right on the x -axis and four units up on the y -axis, from the origin.
- B. To plot the ordered pair (3 , 4), travel four units to the right on the x -axis and three units up on the y -axis, from the origin.
- C. To plot the ordered pair (3 , 4), travel three units to the right on the y -axis and four units up on the x -axis, from the origin.
- D. To plot the ordered pair (3 , 4), travel four units to the right on the y -axis and three units up on the x -axis, from the origin.

Choose the correct answer.

A recipe requires 4 ounces of flour for every 2 ounces of water.

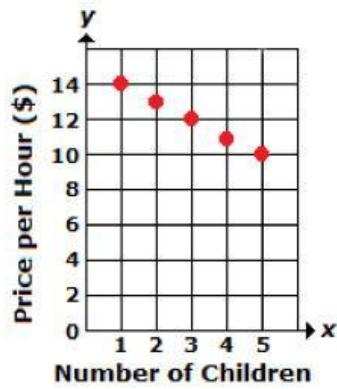
A baker uses 36 ounces of flour. How much water should the baker use?

- A) 72 ounces
- B) 34 ounces
- C) 24 ounces
- D) 18 ounces

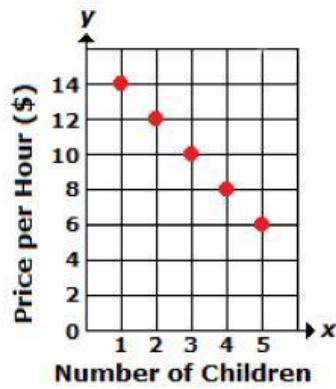
12. Rachael babysits children on the weekends at the rates shown in the table below.

Number of Children	1	2	3	4	5
Price per Hour (\$)	14	13	12	11	10

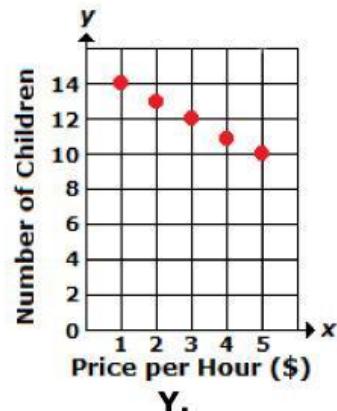
Which graph below represents the data in the table above?



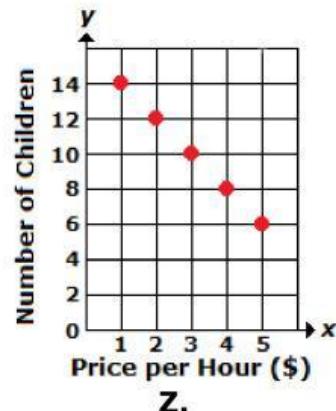
W.



X.



Y.



Z.

- A. X
- B. W
- C. Y
- D. Z

13

Add 4 and 9. Then, multiply by 3.

Which of the following expressions matches the statement above?

A. $3 \times (4 + 9)$

B. $4 \times (3 + 9)$

C. $9 + 4 \times 3$

D. $4 + 9 \times 3$

14

Use order of operations to evaluate the expression below.

$$\{18 + 8\} \times 9 + 3$$

A. 231

B. 93

C. 237

D. 92

15

Subtract 4 from 8. Then, multiply by 2.

Which of the following expressions matches the statement above?

A. $2 \times (4 - 8)$

B. $4 - 8 \times 2$

C. $8 - 4 \times 2$

D. $2 \times (8 - 4)$

16

Use the correct order of operations to solve the problem below.

$$50 \div 5 \times (9 - 7)$$

- A. 20
- B. 50
- C. 10
- D. 5

17

Use order of operations to evaluate the expression below.

$$[4 \times 6] \div 4 + 4 - 2$$

- A. 6
- B. 4
- C. 8
- D. 10

18

Choose the correct answer.

Pattern A starts at 0 and adds 3 to each term. Pattern B starts at 0 and adds 6 to each term.

Which describes the relationship between the corresponding terms in Patterns A and B?

- A) The terms in Pattern B are 2 times as much as the corresponding terms in Pattern A.
- B) The terms in Pattern B are 3 times as much as the corresponding terms in Pattern A.
- C) The terms in Pattern B are 6 times as much as the corresponding terms in Pattern A.
- D) The terms in Pattern B are 18 times as much as the corresponding terms in Pattern A.

19

Choose the correct answer.

Pattern A starts at 0 and adds 3 to each term. Pattern B starts at 0 and adds 6 to each term.

When the term in Pattern B is 60, what is the corresponding term in Pattern A?

- A) 10
- B) 20
- C) 30
- D) 120

20.

Choose the correct answer.

Darryl and Lena paint ceramic animals. On the first day, they paint 0 animals. Each day after the first day, Darryl paints 2 more animals than he did the previous day. Lena paints 4 more animals than she did the previous day.

What is the relationship between corresponding terms in the two numerical patterns?

- A) Multiply the number in Lena's pattern by 2. The product is the number in Darryl's pattern.
- B) Multiply the number in Darryl's pattern by 2. The product is the number in Lena's pattern.
- C) Add 2 to Darryl's pattern. The sum is the number in Lena's pattern.
- D) Add 2 to Lena's pattern. The sum is the number in Darryl's pattern.