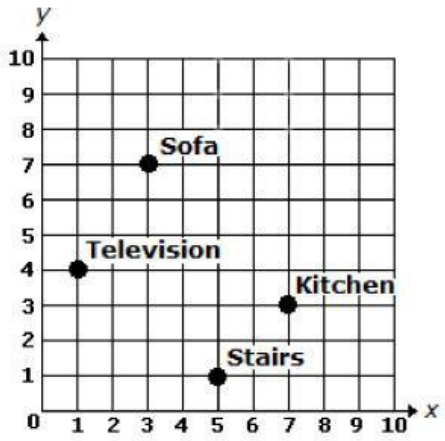
1.

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.

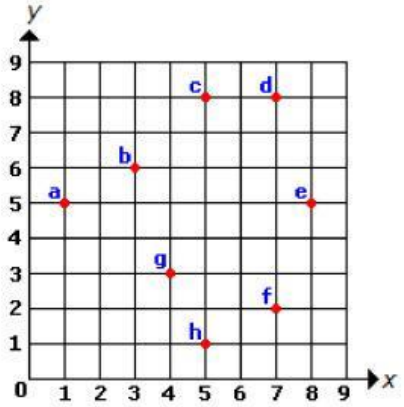


Which of these is located at (3 , 7)?

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

LIVEWORKSHEETS

3.

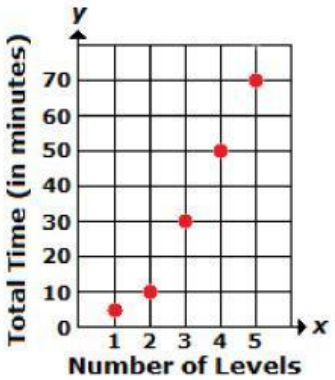


What are the coordinates for point a?

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

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

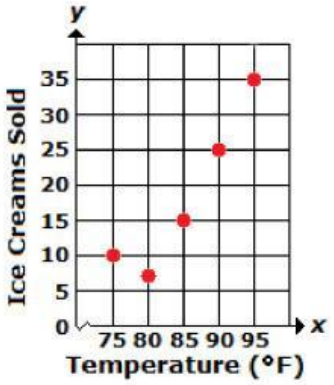


What does point (4,50) represent?

- **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.

LIVEWORKSHEETS

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.

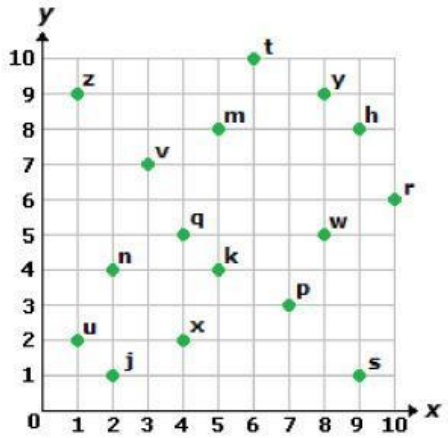


What does point (85,15) represent?

- ○ **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°.

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6. What are the coordinates for letter **q**?

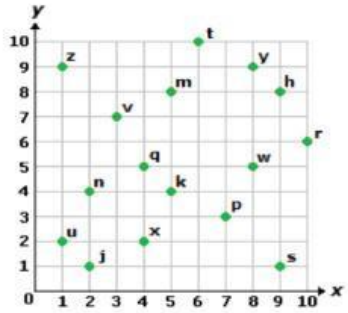


- ○ **A.** (4 , 5)
- ○ **B.** (5 , 5)
- ○ **C.** (4 , 4)
- ○ **D.** (5 , 4)

LIVEWORKSHEETS

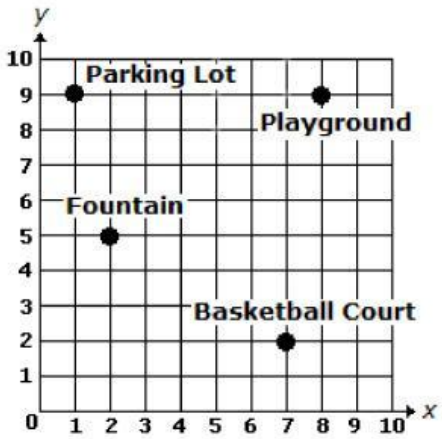
7.

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)

LIVEWORKSHEETS

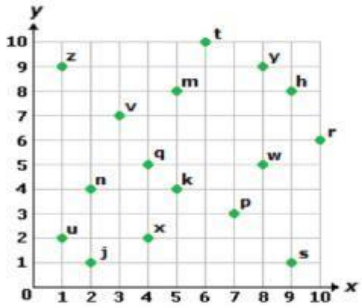
9. Which of the statements about the point (4 , 9) are true?

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)

LIVEWORKSHEETS

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?

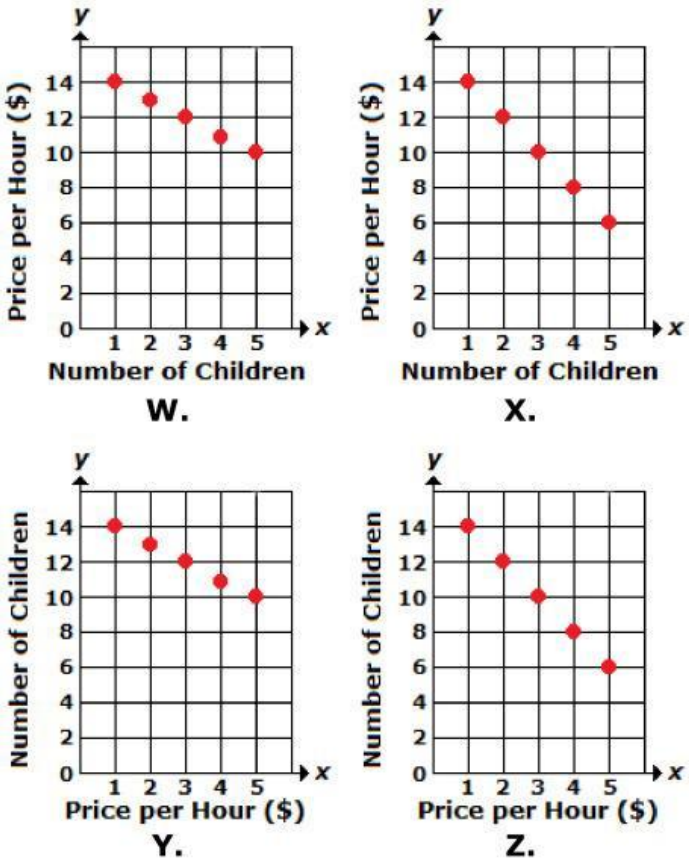
- **A)** 72 ounces
- **B)** 34 ounces
- **C)** 24 ounces
- **D)** 18 ounces

LIVEWORKSHEETS

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?



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

LIVEWORKSHEETS

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

LIVEWORKSHEETS

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.

LIVEWORKSHEETS

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 that 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.

LIVEWORKSHEETS