

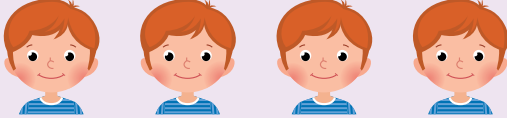






# Representation of Data

**Q1. The following table represents the number of children in each family of a village. Fill in the blanks based on the data given below:**


1 child	
2 children	
3 children	
More than 3 children	

Key: 1  = 15 families

- Most of the families in the village have \_\_\_\_\_ child/children.
- \_\_\_\_\_ families have 2 children.
- 30 families have \_\_\_\_\_.
- The difference between the number of families that have 1 child and that have more than 3 children is \_\_\_\_\_.

**Q2. A company has offices all over India. It has 40 offices in North India, 70 in South India, 20 in the West and 60 in the East.**

Complete the table given below by drawing the correct number of stars.





North	
South	




West	
East	

Key: 1  = 10 offices

**Q3. The following table shows the pastries liked by the students of a class. On the basis of the given information state whether the following statements are true or false.**

Pineapple	
Strawberry	
Choco-chip	
Black forest	

Key: 1  = 5 students

- a. Most of the students like Black forest and pineapple pastries. \_\_\_\_\_
- b. Strawberry pastry is liked by the least number of students. \_\_\_\_\_
- c. 50 students like choco-chip pastry. \_\_\_\_\_
- d. 5 students like choco-chip more than black forest pastry. \_\_\_\_\_

**Q4. The following is the data of Rita's cooking class, where the students have baked different pies.**


Almond, almond, walnut, walnut, apple, apple, almond, walnut, apple, apple, walnut, almond, apple, walnut, walnut, almond, walnut, walnut, almond, walnut



Type of pie	Tally Marks	Number of pies
Apple		
Walnut		
Almond		

**Q5. Paras recorded the sale on a particular day at his juice corner as follows:**

Juice	Number of items sold
Apple juice	
Orange juice	
Mixed fruit juice	
Vegetable juice	

Key: 1  = 25 glasses

a. How many glasses of apple juice did he sell?

Answer: \_\_\_\_\_

b. How many more glasses of mixed fruit did he sell than vegetable juice?

Answer: \_\_\_\_\_

c. Which juice is preferred more by the people, Mixed fruit or Apple?

Answer: \_\_\_\_\_



**Q6. In her dance class, Rashmi teaches three kinds of dance- Kathak, Bharatnatyam and Manipuri. She noted the dance that each student opted for:**

She wrote 'K' for Kathak, 'B' for Bharatnatyam and 'M' for Manipuri.

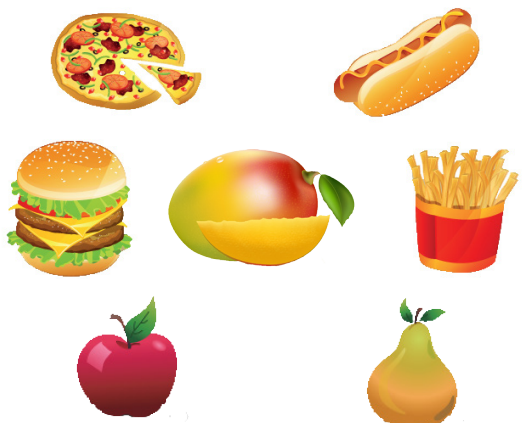
K, K, B, M, B, M, M, K, B, M, K, B, K, K, M, K, B, K, M, K, B, K, M, M

Help her prepare a tally chart for the above information.

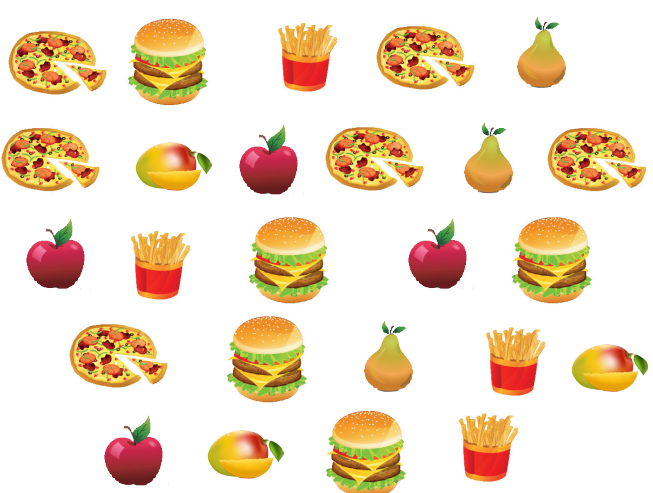
Type of Dance	Tally Marks	Number of students
Kathak		
Bharatnatyam		
Manipuri		

**Q7. The teacher gave stickers to the class and asked them to paste the sticker of their favourite food on the chart. After all the students pasted their choices, the chart was as follows:**

Stickers



Chart






Circle all the items that are healthy and fill in the blanks below:

The total strength of the class is \_\_\_\_\_. Out of these \_\_\_\_\_ children like healthy food. However, \_\_\_\_\_ children need to improve their eating habits and switch to healthy food.



**Q8. Raman takes English classes 3 days a week. The number of students that attend the classes each day are recorded as follows:**

Monday	
Wednesday	
Friday	

Key: 1  = 5 students

Choose the correct option on the basis of the table given above:

- The maximum number of students take classes on:
  - Monday
  - Wednesday
  - Friday
- The number of students that attend class on Friday are:
  - 30
  - 20
  - 25
- The total number of students who come for the class is:
  - 50
  - 60
  - 75



**Q9. The sale of motorcycles in the first four months of the year was recorded as follows:**

Month	Tally Marks	Number of motorcycles sold
January		
February		
March		
April		

Complete the table and answer the questions given below:

- In which month was the sale minimum?
- How many motorcycles were sold in April?
- Which month is most appropriate if a salesman wants to go on a vacation?
- The maximum number of motorcycles were sold in which month?

**Q10. The different vehicles used by the employees of an organisation are as follows:**

Car, motorcycle, scooter, car, motorcycle, scooter, scooter, car, scooter, car, scooter, scooter, scooter, motorcycle, car, car, motorcycle, scooter, scooter, car, motorcycle, car, car, motorcycle, scooter, scooter, scooter, car, motorcycle, motorcycle

Make a tally chart for the above data.

Vehicle	Tally Marks	Number of vehicles
Car		
Motorcycle		
Scooter		

**Q11. The children collected stamps of different countries in their summer vacations. On the last day of the vacation they counted their stamps and the results were as follows:**


- Karan : 15 stamps  
 Arya : 25 stamps  
 Shikha : 35 stamps

Draw a pictograph to represent each one's collection. (Make a suitable KEY.)

Karan							
-------	--	--	--	--	--	--	--



Arya							
Shikha							

Key: 1  = \_\_\_\_\_ stamps

**Q12. The following data shows how many children of each section of class III like football.**

III - A	
III- B	
III- C	
III-D	

Key: 1  = 2 students

Fill in the blanks on the basis of above data:

- Only \_\_\_\_ students like football in class III - D.
- Football as a sport is liked most by class \_\_\_\_.
- \_\_\_\_ more students in class III - C like football than III - D.

**Q13. Following table lists the equipments sold in an electronic goods shop.**

Equipment	Number of equipments sold
Television	
Washing Machine	30
Air conditioner	
Geyser	

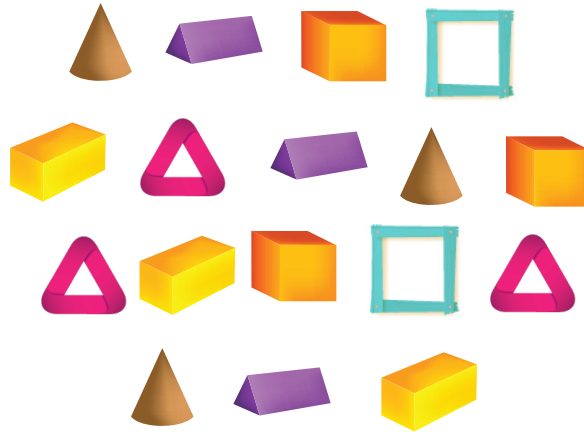
Complete the table based on the following information:

- 20 more televisions were sold than washing machines.



- b. 10 less geysers were sold than televisions.
- c. 5 more air conditioners were sold than geysers.

**Q14. Count the number of 2-D and 3-D shapes in the following picture and fill in the blanks given below:**



- a. Number of 2-D objects: \_\_\_\_\_
- b. Number of 3-D objects: \_\_\_\_\_

**Q15. The following is a list of goods in a furniture shop:**

Furniture	Number of items
Tables	25
Stools	100
Chairs	150
Beds	50

Draw a pictograph to represent each one's collection. (Make a suitable KEY.)

Tables							
Stools							
Chairs							
Beds							

Key: 😊 = \_\_\_\_\_ items





## ANSWERS

1. a. 1 child      b. 45      c. more than 3 children      d. 45

2.

North	★ ★ ★ ★
South	★ ★ ★ ★ ★ ★ ★
West	★ ★
East	★ ★ ★ ★ ★ ★

3. a. False      b. True      c. False      d. True

4.

Type of pie	Tally Marks	Number of pies
Apple		5
Walnut		9
Almond		6

5. a. 100 glasses      b. 25 glasses      c. Apple juice

6.

Type of Dance	Tally Marks	Number of students
Kathak		10
Bharatnatyam		6
Manipuri		8

7. Circle the 4 Apples, 3 pears and 3 mangoes.

The total strength of the class is 25. Out of these 10 children like healthy food. However, 15 children need to improve their eating habits and switch to healthy food.

8. a. (i)      b. (iii)      c. (iii)

9.

Month	Tally Marks	Number of motorcycles sold
January		20
February		18
March		30
April		28

- a. February      b. 28 motorcycles      c. February      d. March



