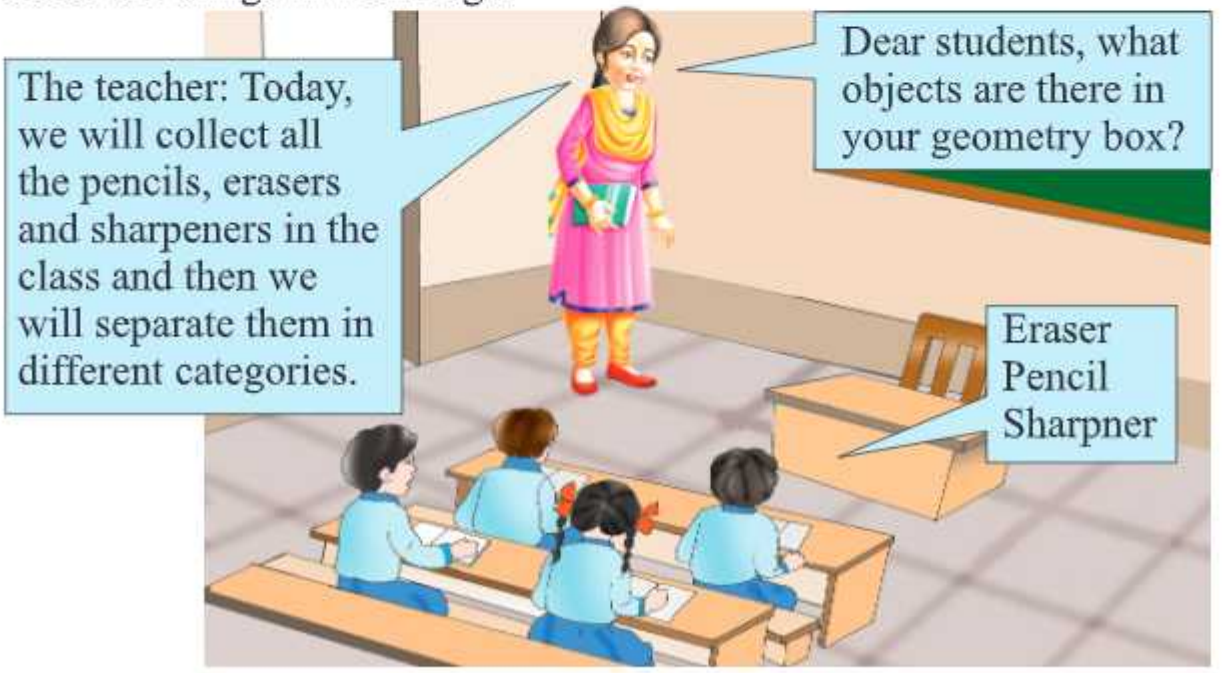
9 Data Handling

Objectives

- To enable the students to recognize the similar objects from a group of different objects and collect the data.
- To enable the students to represent a data and explain the given data.
- To enable the students to understand less and more.
- To enable the students to count the things.

Activity

The teacher will start with simple conversation with students and ask about the things in their bags.



Students, let's separate pencils first from these collection and then we separate erasers and after that we will separate sharpners.

We have separated all the things.

Now, first of all we will count pencils, then erasers and then sharpners.

When the students have counted all the things, then the teacher will make a table on the blackboard and then ask the students to write number of things in the following table.

 Number of pencils	
 Number of erasers	
 Number of sharpners	

Note

The students will count all these things separately, and the teacher will try to involve all the students in this activity,if any student does wrong counting then the teacher will correct it with the help of students.

Activity

Dear students! we have counted pencils, erasers and sharpeners in your bag. Now tell me what are other things in your bags?

Copies, books

Water bottle

Now we will collect books and copies from all bags.




Students will do accordingly and collect all the books and copies.

Now we will separate books and copies collected in group. After doing this we will count books firstly and then copies.

When the students count all the things, then the teacher will make a table on the blackboard and then ask the students to write number of things count of books and copies in the following table.

Number of books	
Number of Copies	

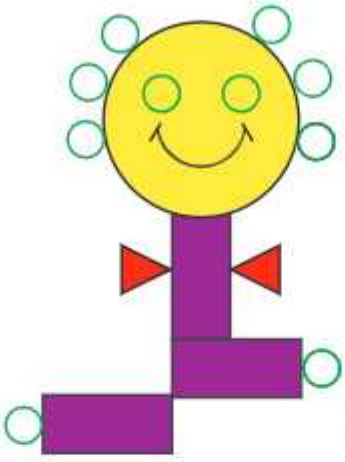
Now tell :

Now tell me which things are more, books or copies? and how many more ?

The teacher will get separated books and copies by students.

Let's learn

1. Count '○' in the picture given below.



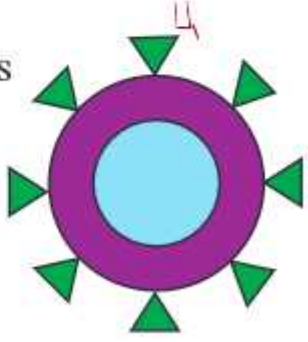
○ = 11

2. Count boys and girls in the group given below.

Number of boys 6 Number of girls 4

Let's do

1. Count and write the number of shapes in the table as shown in the picture.



○	
△	

Make the figure of shape that has appeared most of the time?

2. On Diwali, Simran has decorated the door of his house with stickers of different colours.

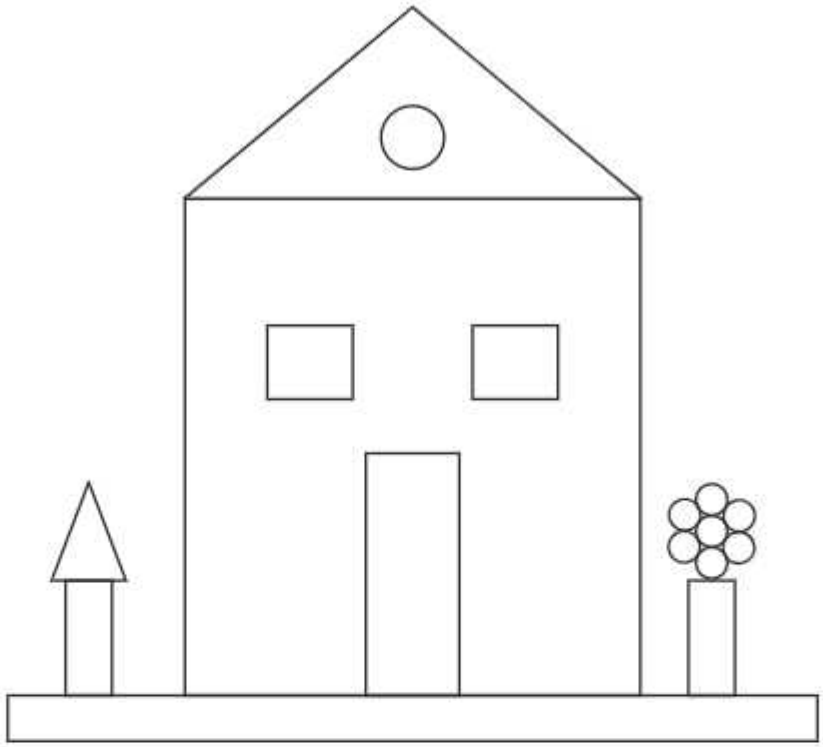
Count the different coloured stickers and complete the given table.

Sticker	Number

How many times blue coloured sticker sticked?

How many times red coloured sticker sticked?

3. Colour the given picture as per the given directions.



Directions :

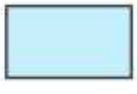
4. Count the different shapes in the previous question no.3 and complete the table given below:

Shape	○	△	□	▭
Number				

Tell me now

(i) Which shape is repeated for more times here?

(ii) Which shape is repeated for less time here?



5. See the picture carefully, count and write the number of animals in the table given below:

6. The game period for class I was going on. After the period, the teacher started calling the students with their name. Now count the letters of every name of students write them in the table given below:

Name of Students	Number of Letters
KAMAL	
JASKARAN	
PAWAN	
HARMAN	
HARLEEN	
SATWANT	
NOOR	

Now tell me

(i) How many names has 5 letters?

(ii) How many names has 4 letters?

(iii) How many names has 7 letters?

(iv) How many times letter 'N' has come in the above names?

Practical activity

Objective:

1. In the class, make group of boys and girls separately.
2. To enable students to understand the concept of less or more.
3. To provide chance of counting.

Material Required: Pencil, copy, blackboard and chalk.

Method :

1. All the students of class 1 are to sit in a group.
2. The teacher will converse with all the students.
3. Then the teacher ask the students to make the group of boys and girls separately.
4. Boys will make a group and sit separately on one side.
5. Now the teacher will make a table on the blackboard as given below and asks the students to make the same in their note books.

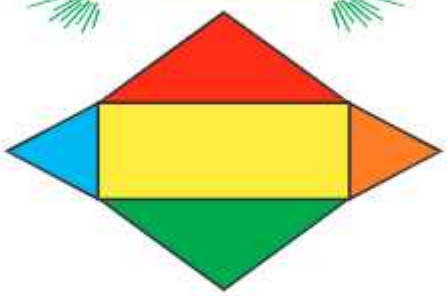
Number of boys	
Number of girls	

6. Then the teacher will ask a boy from the group to count the number of boys. Then he calls another boy and ask to count again the number of boys after verification and write it in the table on blackboard.
7. Similarly the teacher will ask a girl from the group to count the number of girls. Then he calls another girl and ask her to count again the number of girls after verification and write it in the table on blackboard.

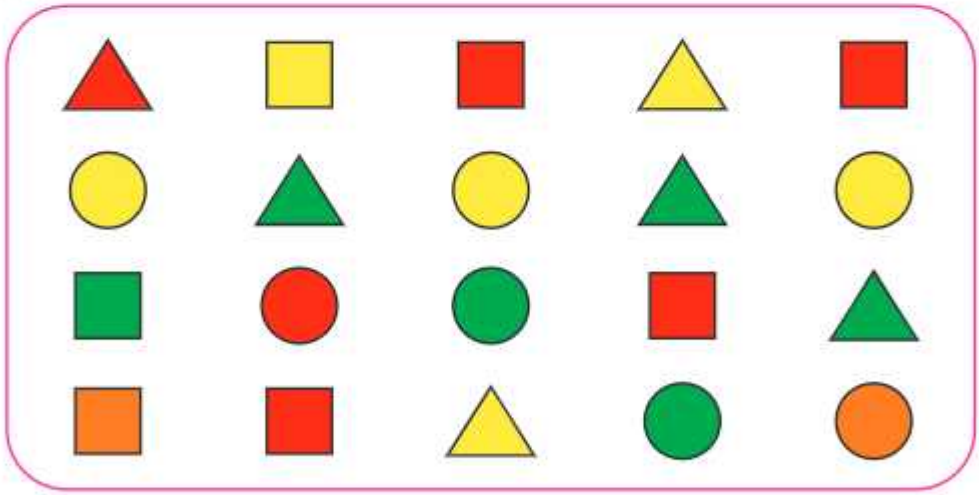
Conclusion:

1. How many boys are there in the class?
2. How many girls are there in the class?
3. ..... are more in the class? (Boys/Girls)
4. How many students are there in the class?
5. ..... are less in the class? (Boys/Girls)

Worksheet



1. There are 4 triangles (△) in the figure given above. (✓ or ×)
2. Answer the questions given on next page by seeing the following figures.



Put tick (✓) on the correct answer.

Note The teacher will collect the data of length of arms of students with the help of paper strips and will ask questions related to their length of arms (smallest, longest, equal etc.) and will find the result.

(i) How many triangles (△) are there in the figure ?

(a) 4 (b) 3 (c) 6 (d) 5

(ii) How many circles (○) are there in the figure ?

(a) 5 (b) 3 (c) 7 (d) 4

(iii) How many squares(□) are there in the figure ?

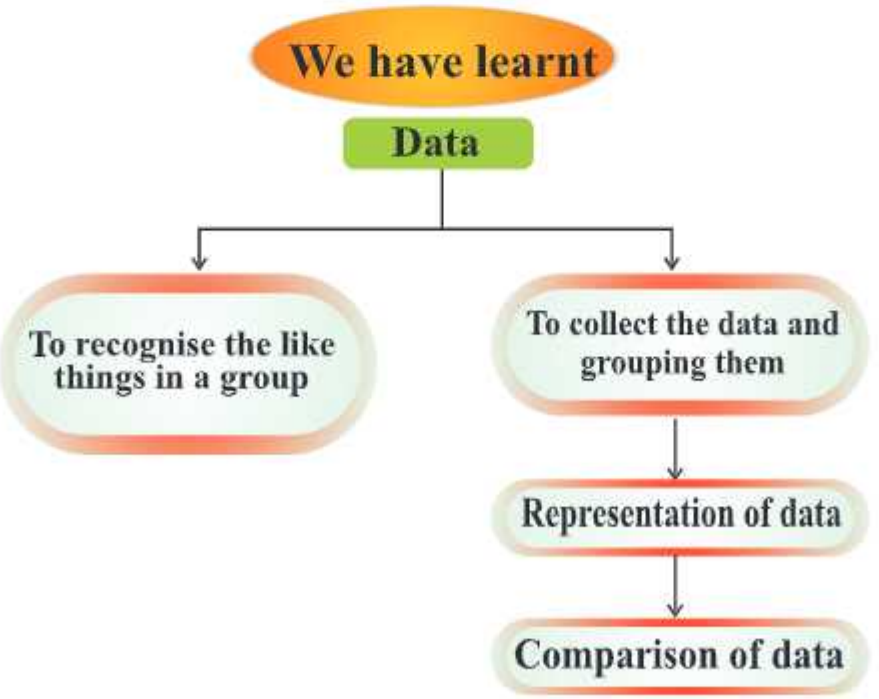
(a) 7 (b) 6 (c) 3 (d) 2

(iv) Which is in least number in the figure ?

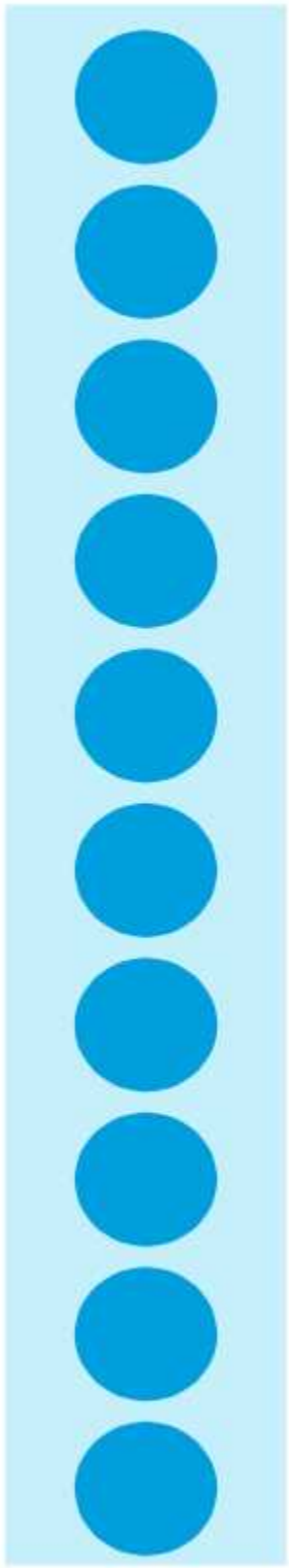
(a) ○ (b) △ (c) □ (d) None of these

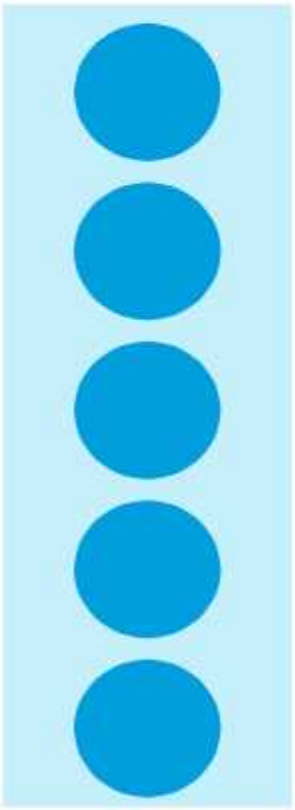
4. **Fruit BANANA has ..... number of letters.**

5. **In colour 'YELLOW' the number of letters are .....**



Sliding Card





Maan Cards

1

2

3

4

5

80

90

10

20

30

40

50

60

70

6

7

8

9

100

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