

CHAPTER -13

SMART CHARTS

2MARK QUESTIONS

Q1: Have you been to a park?

Ans:

Yes, I have been to parks.

Q2: What coloured flowers did you see?

Ans: I have seen different colours of flowers, like red, blue, yellow, orange, violet, pink, etc.

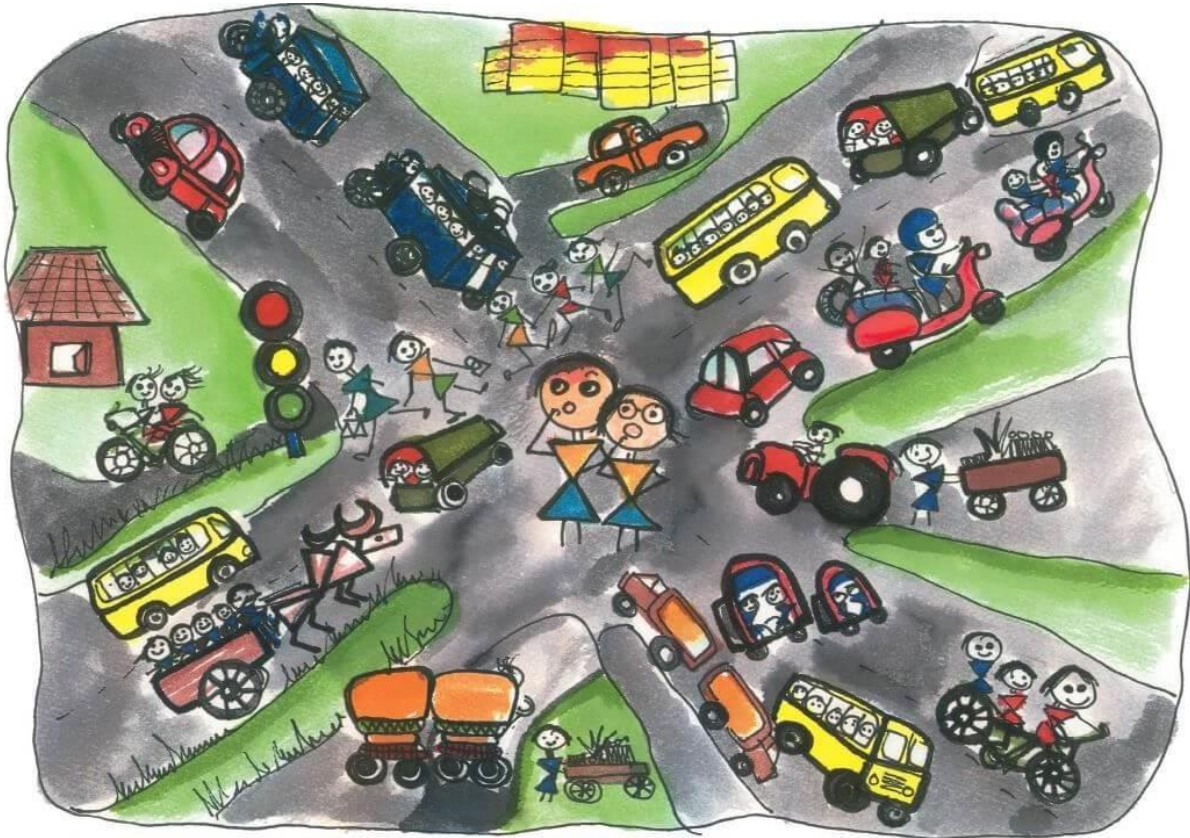
Q3: Were most of the flowers yellow in colour?

Ans:

Yes, most of them were yellow in colour.

WHAT DO WE SEE ON THE ROAD?

Q4: Look at the traffic scene in the picture and fill in the table.



This chapter is an early introduction to data handling, an important area of mathematics. By the end of primary school, children need to be able to collect and record data, to present it in the form of bar charts and tables, to recognise patterns in the data and to draw inferences. Teachers can take several interesting and even funny examples from children's own experiences. Pictures given here could also be used for different classification exercises, such as the number of petals of flowers.

<i>Way of Travel</i>	<i>How many</i>
Walking (people)	
Bicycles	
Scooters	

Ans:

<i>Way of Travel</i>	<i>How many</i>
Walking (people)	9
Bicycles	5
Scooters	2
Trucks	2
Buses	4
Bullock-cart	1

Q5: Answer the following questions.

a) In the picture, which way of travel do you see the most? _____

- b) Which way of travel (vehicle) do you see the least? ____
- c) The number of people walking is more than the number of ____.
- d) The number of buses is less than the number of ____.

Answer:

- a) Buses
- b) Bullock-cart
- c) Bicycles
- d) People walking

HOW MANY TIMES DO YOU GET 6?



Q6:

Have you played any games with dice?

Ans: Yes, I have.

Q7: How many dots are there on the different faces of a dice?

Ans:

On the different faces of the dice, there are 1, 2, 3, 4, 5 and 6 dots.







5MARK QUESTIONS

Q1:







- * Throw a die.
- * Look at the number of dots you get on the face of your die.
- * For each throw draw a mark / in front of that number in the table.
- * Throw the die 30 times and mark in the table each time.

For example, Rabia threw her die 30 times. She got 3-five times.
In her table she marked: 3 |||||

Now, fill in the table.

<i>Face of the die</i>	<i>Number of times (/ for each throw)</i>
	
	
	
	
	
	

Ans:

Face of the die	Number of times (/ for each throw)
	
	
	
	
	
	

Q2:

- Which face of the die did you get the most number of times?
- How many times did 6 come up? ____Times
- 4 came up more number of times than ____.
- Compare your table with that of the student sitting next to you. Do you find any difference between the two tables?

Ans:

- I got “5” the most number of times, i.e., seven times.
- “6” came up 6 times.
- 2
- Yes, there is a difference between my table and my friend’s table.

GETTING SMART WITH CHARTS

Q3: This board shows the number of students in each class. It also shows the number of students present and absent.

Attendance Board			
Date 8/2/2007			
<i>Class</i>	<i>Number of students</i>	<i>Students present</i>	<i>Students absent</i>
Class I	27	25	2
Class II	23	22	1
Class III	24	21	3
Class IV	22	18	4
Class V	25	23	2
Total			

1. How many children in all are there in the school?
2. How many children in all are absent on that day?





Ans:

Attendance Board			
Date 8/2/2007			
<i>Class</i>	<i>Number of students</i>	<i>Students present</i>	<i>Students absent</i>
Class I	27	25	2
Class II	23	22	1
Class III	24	21	3
Class IV	22	18	4
Class V	25	23	2
Total	121	109	12

1. There are 121 students in the school.
2. 12 students are absent on the given day.

Q4: This is a chart to show the number of absent students.

Absent Students' Chart

<i>Class</i>	<i>Absent students</i>
Class I	
Class II	
Class III	
Class IV	
Class V	






The chart shows the absent students of Class V.

Now look at the chart and fill in the blanks.

- The class with the highest number of absent students is _____.
- The class with the least number of absent students is _____.
- The class with 3 students absent is _____.
- The number of students absent in Class IV and Class V are _____ and _____.

Answer:

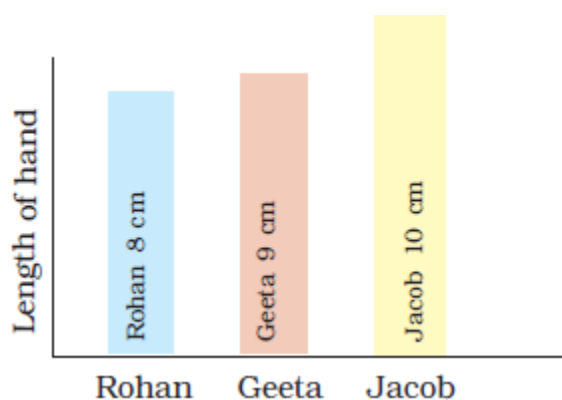
Absent Students' Chart

<i>Class</i>	<i>Absent students</i>
Class I	
Class II	
Class III	
Class IV	
Class V	

- a) Class IV
- b) Class II
- c) Class III
- d) 4 and 2

HOW LONG IS YOUR HAND?

Q5: Rohan, Jacob and Geeta also measured their hands. They stuck their strips as shown.



Look at the picture and fill in the blanks.

- a) The length of Jacob's hand is _____ (more/less) than Geeta's hand.

b) The length of Geeta's hand is _____(more/less) than Rohan's hand.

c) _____has the longest hand.

d) _____has the shortest hand.

Answer:

a) more

b) more

c) Jacob

d) Rohan

PRACTICE TIME

Q6: Make your own smart charts about things around you.

Like —

1. Which bird has the most colours?

2. Which is the animal which is liked most as a pet?

Answer:

Bird	Sparrow	Crow	Parrot	Peacock	Hen
Colours	2	1	2	10	4

Animal	Cow	Buffalo	Dog	Cat	Rabbit
Number of people who pet them	30	20	50	10	5