



Organisation of Data

Data is the **collection** of **information** about people or things. Vipin's mother has given clothes to the washerman to iron them. She has made a list of the clothes she has given him.



She checks the list when the washerman returns the clothes. Is it okay?

List of clothes

Shirts	–	3
Pants	–	2
Kurtas	–	4
Skirts	–	2

Vipin sometimes makes his favourite fruit salad. This is the list of fruits he uses.



Check the fruits with the list. Has Vipin forgotten something?

Fruits for salad

Oranges	–	4
Apples	–	2
Pears	–	1
Bananas	–	2
Grapes	–	1 bunch



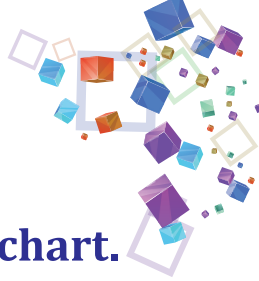
Facts to Know

- ❖ A list helps us organise information about important things.





Exercise 14.1



A. The children saw some flowers in the garden. They made a chart.

Flowers	
Jasmine	20
Marigolds	25
Lilies	22
Sunflowers	28

Look at the chart and answer the following :

1. How many jasmine flowers did they see?
2. How many marigold flowers did they see?
3. How many flowers did they see altogether?

B. Birthday information of a class in a school is as follows :

Birthday		
Months	Girls	Boys
January	8	6
April	4	2
July	6	7
September	—	4
November	3	1

Now answer the questions :

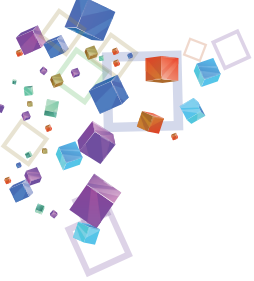
1. How many children have their birthdays in April?
2. In which month no girl has her birthday?
3. How many children have their birthdays in January?

Points to Remember



- ❖ Data is a collection of information.
- ❖ Data is stored in the form a table.
- ❖ To store the data in a table and retrieve the data from a table is known as Data handling.
- ❖ We can store the data in form of pictograph, bar graph and circle graph.





EXERCISE

A. Multiple Choice Questions (MCQs)

Tick (✓) the correct option :

- Table contains

(i) rows <input type="checkbox"/>	(ii) columns <input type="checkbox"/>
(iii) rows and columns <input type="checkbox"/>	(iv) none of these <input type="checkbox"/>
- In data handling we can store the data in the form of

(i) pictograph <input type="checkbox"/>	(ii) bar graph <input type="checkbox"/>
(iii) circle graph <input type="checkbox"/>	(iv) all of these <input type="checkbox"/>
- Data is a collection of

(i) information <input type="checkbox"/>	(ii) tables <input type="checkbox"/>
(iii) graphs <input type="checkbox"/>	(iv) all of these <input type="checkbox"/>
- Data handling is

(i) storing of data <input type="checkbox"/>	(ii) retrieving of data <input type="checkbox"/>
(iii) both of these <input type="checkbox"/>	(iv) none of these <input type="checkbox"/>

B. Nandan bought a weighting machine. He measured the weight of his friends and made a chart. Read the data and answer the questions.

Weight	
Name	Weight(kg)
Shubham	38 kg
Rahul	45 kg
Milan	34 kg
Sanchit	32 kg
Dhruv	38 kg

- Who weighs the most?
- Which two friends weigh the same?
- Who weighs the least?





C. Read the information given in the chart and answer the questions.

Favourite School Activity			
	Dance	Art and Craft	Games
Girls	10	16	12
Boys	6	18	28

1. Which is the favourite activity among the girls?
2. Which is the favourite activity among the boys?
3. Which is the favourite activity over all?



HOT

A data is given about the games liked by the students. 26 students like cricket, 18 students like football, 6 students like hockey and 14 students like chess. Make a tally chart of the data.



Objective : Make a list of names.

1. Students in your class who have an elder brother or sister.
2. Students who have a younger brother or sister.
3. Students who do not have any brother or sister.

Materials Required : A sheet of paper and pencil

Procedure : Make a list of the number of students.

Students with	Number
An elder brother or sister	
A younger brother or sister	
No brother or sister	

❖ **Fill in the blanks using the above list.**

1. children have no brother or sister.
2. (more/fewer) children have an elder brother or sister than a younger brother or sister.
3. There are children in the class.

