NCERT SOLUTIONS

CLASS - 4th

Class : 4th
Subject : Maths
Chapter : 14
Chapter : Smart Charts

Q1 How much time do we spend in this?

Answer. We spend about one hour per day watching television (TV) or listening to the radio.

Page : 162 , Block Name : Smart Charts

Q2 Note the time you spend in front of a TV or radio every day. Do this for one week. The time spent in a week is _____ hours.
So in a month you spend about 30 × ___ = ____ hours.
Find out from your friends the time they spend in a week?

Answer.

How many hours they watch TV or listen to the radio?	Number of children
More than 6 hours	18
Six Hours	10
Five Hours	12
Four Hours	17
Three Hours	13
Two Hours	8
One Hours	5
Zero Hours	2

Page : 162 , Block Name : Smart Charts

Q3 Watching TV/listening to the radio
_____children spend more than 6 hours in a week.
_____ children spend no time at all.
Most children spend _____ hours in a week.
_____ children spend more than 3 hours.

Answer. DIY

Page : 163 , Block Name : From Your Table

Q1 Ask people in your family to name one programme they like and one programme they dislike. Make a table.

Family member	Programme they like	Programme they dislike
Mother		
Father		

Answer. DIY

Page : 163 , Block Name : Which Programme

Q2 Find out from 20 friends the programmes they like and dislike, and write in a table.

Kind of programme	Number of children liking it	Number of children disliking it
News		
Serials		
Cartoons		
Comedy shows		
Sports		

- Which kind of programme is liked by most children?

- Which kind of programme is disliked by the least number of children?

- How many children like sports programmes?

- Is there any kind of programme not liked by any one? Yes/No If yes, which one?_____

Answer. The required table is as under:

Kinds of Programme	Number of Children Liking it	Number of Children Disliking it
News	10	10
Serials	2	18
Cartoons	19	1
Music	18	2
Movie	17	3
Sports	20	0

- Cartoon is liked by most of the children.

- Cartoon is disliked by least number of children

- 14 children likes sports programme.

- There is no such programme that is not liked by anyone children.

Page : 164 , Block Name : Which Programme

Q1 Read the poem carefully and answer these questions:
a) Which word comes most often in the poem?
b) Which letter has been used most?
c) Which letter comes the least?

Answer. a) Let us make the following table to answer the questions:
b) 'E' has been used the most
c) 'B' and 'V' comes the least apart from P, Q, J, X and Z which never come.

Page : 165 , Block Name : Who Is My Friend

Q2 Take a paragraph you like from your language textbook. Read carefully and find out:
a) Which word comes most often? _____
How many times? _____
b) Which word comes least often? _____
c) The letter used most often is _____
d) The letter used least often is _____

Answer. a) Consider the paragraph:
"He picked up a large and filled it with the most beautiful jewels. At least, when the bag
Was full, he went back to the cave door.
The word 'the' comes most often in the paragraph. It comes three times."
b) Picked up, large, filled.. Are some of the many words which only come only in the paragraph.
c) The letter 'E' is most often used.
d) The letter 'J, M, V' are used least often.

Page : 165 , Block Name : Who Is My Friend

Q1 Find out from your classmates and fill the table:

Main food	Number of persons
Rice	
Wheat	

Look at the table and tell:

- Most children eat food made from _____.

- Compared to children who eat rice, those who eat wheat are more/less/equal.

- Compared to those who eat wheat, children eating are more/less.

Answer.

- Most children eat wheat

- The children who eat rice are less than those who eat wheat.

- The children who wheat are more than those eating ragi.

Page : 166 , Block Name : Food We Eat

Qa) How many children are acting in the drama?

Answer. The number of children acting in the drama is 3 x 3 = 9.

Page : 167 , Block Name : Preparing For The Class Drama

Qb) Which are more — children making the sets or those acting?

Answer. Number of children making the sets are 2 x 3 = 6 and, those who are acting = 3 x 3 = 9.
Clearly, 9 > 6. Thus, the number of children acting are more than those making the sets.

Page : 167 , Block Name : Preparing For The Class Drama

Qc) What is being done by most of the children?

Answer. Most of the children are playing music.

Page : 167 , Block Name : Preparing For The Class Drama

Qd) How many children are collecting dresses?

Answer. Number of children collecting dresses are 2 x 3 = 6.
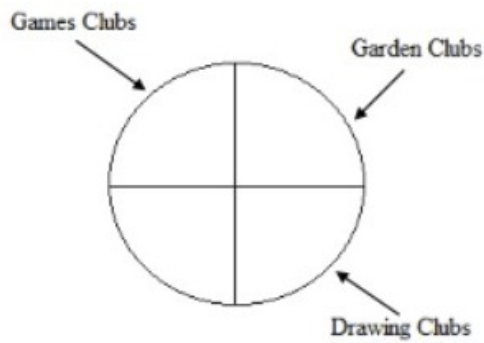
Page : 167 , Block Name : Preparing For The Class Drama

Q1 From the picture we can see that:
a) Half the children in the class take part in the Games Club.
b) One fourth of the children are members of the Garden Club.
c) The Drawing Club has one fourth of the children of the class.
If there are 200 students in the school, look at the above Chart and tell the number of members in each club

- The Games Club has _____ members.

- The Garden Club has _____ members.

- There are _____ members in the Drawing Club.

Answer.

- Number of students in the school are = 200
  Half of the children are in the Games Club.
  So. the Games Club has $\left(200 \times \frac{1}{2}\right)$ = 100 children.
  Game Club has 100 members.

- One-fourth of the children are in the Garden Club.
  So, the Garden Club has $\left(200 \times \frac{1}{4}\right)$ = 50 children.
  Garden Club has 50 members.

- One-fourth of the children are in the Drawing Club..
  So, the Drawing Club has
  $\left(200 \times \frac{1}{4}\right)$ = 50 children.
  There are 50 members in the Drawing Club.

Page : 169 , Block Name : Chapati Chart

Q1) How many children like to get wet in the rain?
a) half
b) one-fourth
c) three-fourth

Answer. Three-fourth.

Page : 169 , Block Name : Getting Wet In The Rain

Q2) How many children do not like to get wet in the rain?
a) half
b) one-fourth
c) three-fourth

Answer. One-fourth.

Page : 169 , Block Name : Getting Wet In The Rain

Q3 If the number of children in the class is 28, then tell the number of children.

- who like to get wet in the rain _____

- who do not like to get wet in the rain _____

Answer.

- Number children in the class 28.

  Who like to get wet in the rain = $28 \times \frac{3}{4} = 7 \times 3 = 21$
- Who does not like to wet in the rain = $28 \times \frac{1}{4} = 7$

Page : 170 , Block Name : Chapati Chart

Q1 Some children were asked which of these they liked most — Tea, Coffee or Milk.

The drink they like	Number of children
Milk	20
Coffee	10
Tea	10

Total Number of children
Find out from the table:

- Children who like milk are / of the total children.

- Children who like coffee are / of the total children.

Show the liking for Tea, Coffee or Milk in a Chart.

Answer.

- Children who like mik are ½ of the total children.

- Children who like coffee are 10/40 = 1/4

Page : 170 , Block Name : Tea, Coffee or Milk