

CHAPTER – 14

SMART CHARTS

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Question 1:

- Note the time you spend in front of a TV or radio every day. Do this for one week. The time spend in a week is _____ hours. So in a month you spend about $30 \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$ hours.
- Find out from your friends the time they spend in a week.

<i>How many hours they watch TV or listen to the radio (in a week)</i>	<i>Number of Children</i>
More than 6 hours	
Six hours	
Five hours	
Four hours	
Three hours	
Two hours	
One hour	
Zero hour (do not watch)	



Answer:

- Time spent in front of TV or radio every day = 1 hour

∴ Time spent in a week = 7×1 hour = 7 hours' Total time spent in a month = 30×1 hour = 30 hours

<i>How many hours they watch TV or listen to the radio (in a week)</i>	<i>Number of Children</i>
More than 6 hours	5
Six hours	7
Five hours	4
Four hours	10
Three hours	12
Two hours	15
One hour	8
Zero hour (do not watch)	1

Disclaimer: The answer may vary from student to student based on his/her experience. The answer provided here is for reference only.

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Question 1: From your table

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:

Disclaimer: The answer may vary from student to student based on his/her experience. It is highly recommended that students prepare the answer on their own.

Question 2: Ask people in your family to name one programme they like and one programme they dislike. Make a table.

<i>Family member</i>	<i>Programme they like</i>	<i>Programme they dislike</i>
Mother		
Father		

The kind of programme most family members like _____ The kind of programme most family members dislike _____

Answer:

Disclaimer: The answer may vary from student to student based on his/her experience. It is highly recommended that students prepare the answer on their own.

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Question 1: Find out from 20 friends the programmes they like and dislike, and write in a table.

<i>Kind of programme</i>	<i>Number of children liking it</i>	<i>Number of children disliking is</i>
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:

Disclaimer: The answer may vary from student to student based on his/her experience. It is highly recommended that students prepare the answer on their own.

Question 2:Who is my friend? I've a friend with me always, In the nights and through the days. When I run he runs with me, Sometimes I

lead, sometimes he. When it's dark he can't be seen, Do you know which friend I mean?

- 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?

- 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) The word 'I' comes most often in the poem.

(b) The letter 'E' has been used most in the poem.

(c) The letters 'B' and 'V' come the least in the poem.

- **Disclaimer:** *The answer may vary from student to student based on his/her experience. It is highly recommended that students prepare the answer on their own.*

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Question 1: Find out from your classmates and fill the table:

<i>Main food</i>	<i>Number of persons</i>
Rice	
Wheat	

Look at the table and tell:

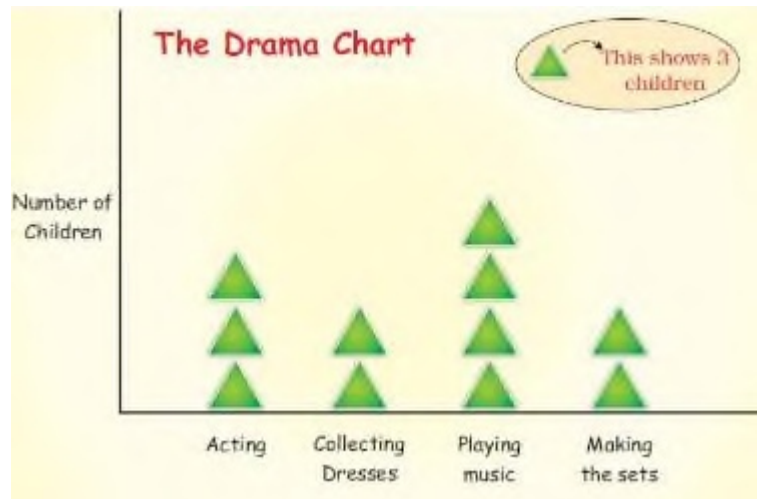
- Most children eat food made from _____.
- Compared to children who eat rice, those who eat wheat are more/less/equal.
- Compared to those who eat wheat, children eating *ragi* are more/less.

Answer:

Disclaimer: The answer may vary from student to student based on his/her observation. It is highly recommended that students prepare the answer on their own.

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Question 1:



- (a) How many children are acting in the drama?
- (b) Which are more — children making the sets or those acting?
- (c) What is being done by most of the children?
- (d) How many children are collecting dresses?

Answer:

- (a) 3 children are acting in the drama.
- (b) Children who are acting are more in number than children who are making the sets.
- (c) Most of the children are playing music.
- (d) Two children are collecting dresses.

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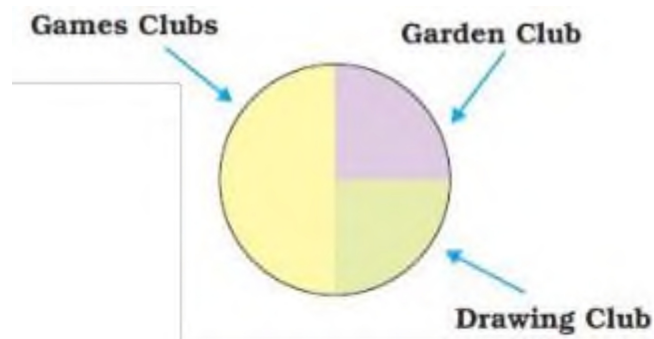
Question 1:

- Use a scale and find out from your chart: The length of the longest strip is _____ cm. So _____ has the biggest head. The smallest strip is _____ cm long. It belongs to _____.

Answer:

Disclaimer: The answer may vary from student to student based on his/her observation. It is highly recommended that students prepare the answer on their own.

Question 2: The *Chapati* Chart shows the number of children in different clubs.



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 *Chapati* 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:

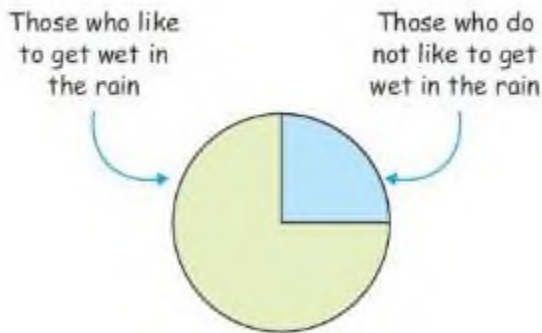
Total students = 200

- Members in the Games Club = $200 \div 2 = 100$
- Members in the Garden Club = $200 \div 4 = 50$

- Members in the Drawing Club = $200 \div 4 = 50$

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Question 1: Getting Wet in the Rain Who likes to get wet in the rain?
A child made this *Chapati* Chart after asking his friends.



See the *Chapati* Chart and tell:

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

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:

- (1) (c) three-fourth
- (2) (b) one-fourth

Number of children in the class = 28

$\therefore$ Number of children who do not like to get wet in the rain = $28 \div 4 = 7$

Number of children who like to get wet in the rain = $7 \times 3 = 21$

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

- who like to get wet in the rain 21
- who do not like to get wet in the rain 7

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Question 1: Tea, Coffee or Milk Some children were asked which of these they liked most — Tea, Coffee or Milk.

<i>The drink they like</i>	<i>Number of children</i>
Milk	20
Coffee	10
Tea	10

Total Number of children _____

Find out from the table:

- Children who like milk are 12/14 of the total children.
- Children who like coffee are 12/14 of the total children. Show the liking for Tea, Coffee or Milk in a *Chapati* Chart.

Answer:

Total number of children = $20 + 10 + 10 = 40$

- Children who like milk are 12 of the total children.
- Children who like coffee are 14 of the total children

Chapati Chart for tea, coffee and milk is given below:

