





































































# Helping Hands

In the EVS period, the teacher asked children whether they help their parents at home. There were different answers. Children named the work in which they help their parents the most. The teacher collected their answers and made a table.



Help most in house work	Number of children
Going to the market	47
Washing utensils	15
Washing clothes	3
Making, serving food	25
Cleaning the house	10
Total children who said they help their parents	



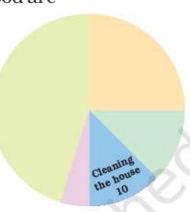


Now you can fill the chapati chart to show the numbers given in the table.

## 1) Look and find out

Children who help in making or serving food are

- a) One-third of the total children
- b) Half of the total children
- c) One-fourth of the total children



# 2) Practice time: After school

Ask 10 of your friends about what they like to do most after school.

	What they like to do after school	Number of children	*
	Watching TV		
	Playing football	B OK	尧
	Reading story books	STATE OF THE STATE	4
			"
			500
	× 3		*
	0,00		名
1			0
-			3
Eur	my Carlo	The state of the s	2
		1635	0
<b>A</b>	4-	A ~ ~	*
₹ «4	· MO *		

2018-19



名文本

9

















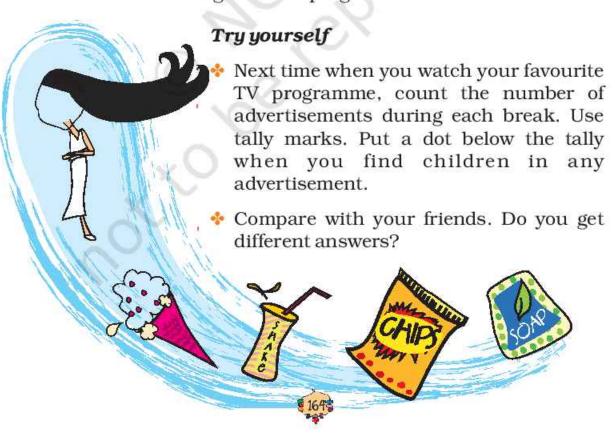
#### Ad Mad!

Ragini loves to watch cartoons on television. One day she thought of counting the number of ads during the breaks. She found that in each break there were 14 advertisements. In 10 of those ads there were children as actors.



- Why do you think that children are used in so many ads?
- Use tally marks to count the number of ads during a short break in a programme.

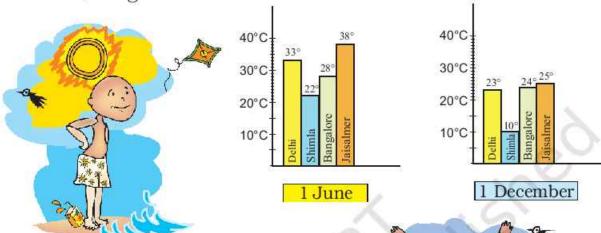
Were there ads during the news programme?





#### Hot and Cold

Have you seen the weather report on TV or in a newspaper? These are two bar charts. These show the highest temperature (in degrees Celsius) in four cities, on two different days. The cities are Delhi, Shimla, Bangalore and Jaisalmer.



Find out from the bar chart

- Which city is the hottest on 1 June?
- Which city is the coldest on 1 December?
- Which city shows little change in temperature on the two days — 1 June and 1 December.

### Try yourself

On any one day, choose any three cities and record their temperature from the TV or newspaper.

Make a bar chart in your notebook and ask your friends a few questions about it. See if they understand your chart!

Encourage children to look at the map of India to locate different cities. They can try to relate the temperature variations in a city to get an idea of the climate there.

























名

0



D.

名















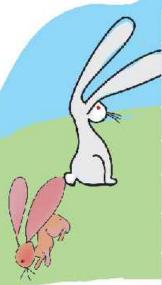




### Rabbits in Australia

Earlier there were no rabbits in Australia. Rabbits were brought to Australia around the year 1780. At that time there were no animals in Australia which ate rabbits. So the rabbits began to multiply at a very fast rate. Imagine what they did to the crops!

The table shows how rabbits grew every year.



Time	Number of rabbits
Start	10
1 year	18
2 year	32
3 year	58
4 year	108
5 year	1 7/2
6 year	20



- 1) After each year the number of rabbits was
  - a) a little less than double the number of rabbits in the last year.
  - b) double the number in the last year.
  - c) 8 more than the number in the last year.
  - d) more than double the number of rabbits in the last year.
- 2) At the end of year 6, the number of rabbits was close to

400

600

800

3) After which year did the number of rabbits cross 1000?

More such examples should be done in class. It is important for children to get a sense of approximation.



























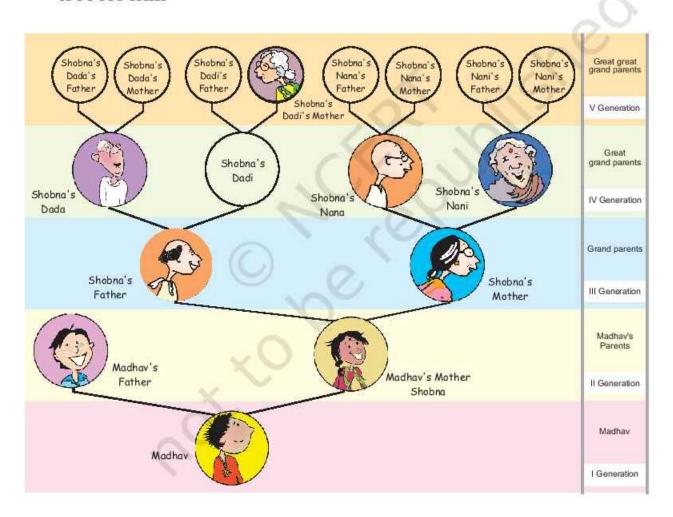


# Family Tree

Madhav went to a wedding along with his parents. He met many 2

relatives there. But he didn't know everyone. He met his mother's grandfather, but found that her grandmother is not alive. He also found that her *Dadi's* mother (grandmother's mother) is still alive, and is more than a hundred years old.

Madhav got confused. He couldn't imagine his mother's grandmother's mother! So, Madhav's mother made a family tree for him —

















D.

9



















Madhav's mother helped him understand her family with the help of this drawing. You can also find out about your older generations using such a family tree.

Answer these questions:

- How many grand parents in all does Shobna have?
- 2) How many great, great grand parents in all does Madhav have?
- 3) How many elders will be in the VII generation of his family?
- 4) If he takes his family tree forward in which generation will he find 128 elders?

#### Growth Chart of a Plant

Amit sowed a few seeds of moong dal in the ground. The height of the plant grew to 1.4 cm in the first four days. After that it started growing faster.

Amit measured the height of the plant after every four days and put a dot on the chart. For example if you look at the dot marked on the fourth day, you can see on the left side scale that it is 1.4 cm high.

Now look at the height of each dot in cm and check from the table if he has marked the dots correctly.

Length of the plant (in cm)
0
1.4
5.3
9.5
10.2
10.9















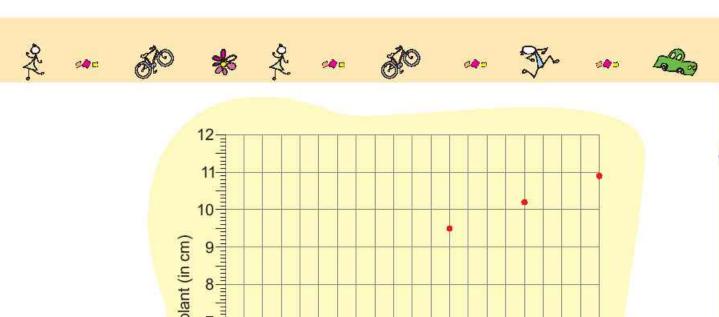


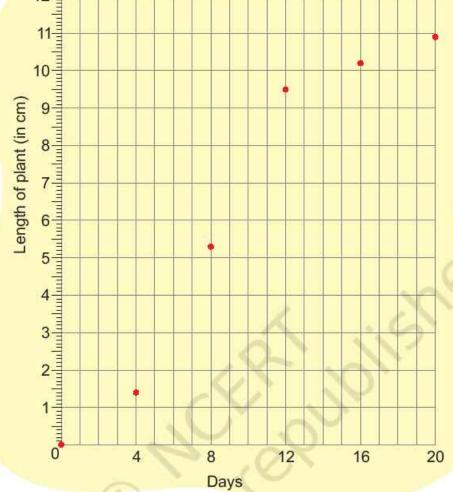












# Find out from the growth chart

- a) Between which days did the length of the plant change the most?
  - i) 0-4
- ii) 4-8
- iii) 8-12
- iv) 12-16
- v) 16-20
- b) What could be the length of this plant on the 14th day? Guess.
- i) 8.7 cm ii) 9.9 cm iii) 10.2 cm iv) 10.5 cm
- c) Will the plant keep growing all the time? What will be its length on the 100th day? Make a guess!

There should be some discussion on the last question. Children should be encouraged to observe growth patterns of many other plants and animals.





















名。