

# Mathematics

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(Chapter – 9) (Data Handling)  
(Class – VI)

## Exercise 9.4

### Question 1:

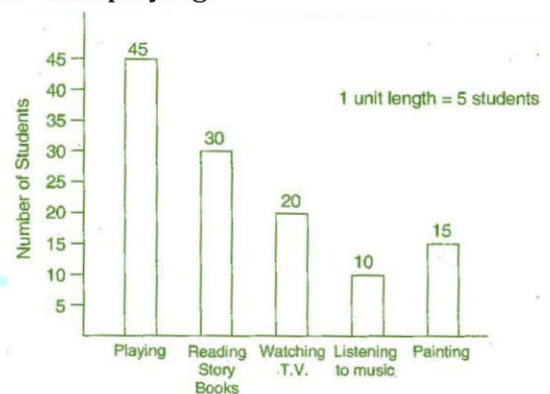
A survey of 120 school students was done to find which activity they prefer to do in their free time:

Preferred activity	Number of students
Playing	45
Reading story books	30
Watching TV	20
Listening to music	10
Painting	15

Draw a bar graph to illustrate the above data taking scale of 1 unit length = 5 students.  
Which activity is preferred by most of the students other than playing?

### Answer 1:

Reading story books is preferred by most of the students other than playing.



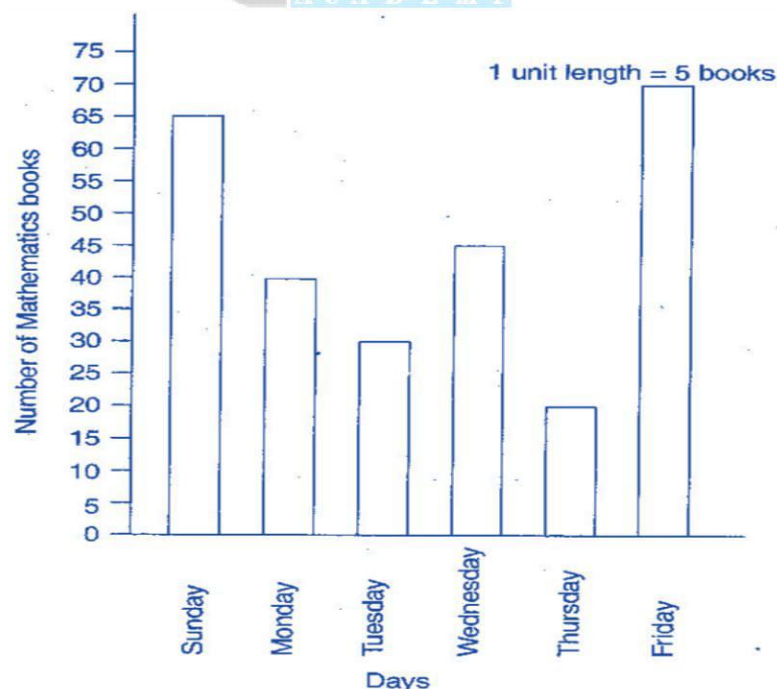
### Question 2:

The number of mathematics books sold by a shopkeeper on six consecutive days is shown below:

Days	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
No. of books sold	65	40	30	50	20	70

Draw a bar graph to represent the above information choosing the scale of your choice.

### Answer 2:



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## Question 3:

Following shows the number of bicycles manufactured in a factory during the year 1998 to 2002. Illustrate this data using a bar graph. Choose a scale your choice.

Years	Number of bicycles manufactured
1998	800
1999	600
2000	900
2001	1100
2002	1200

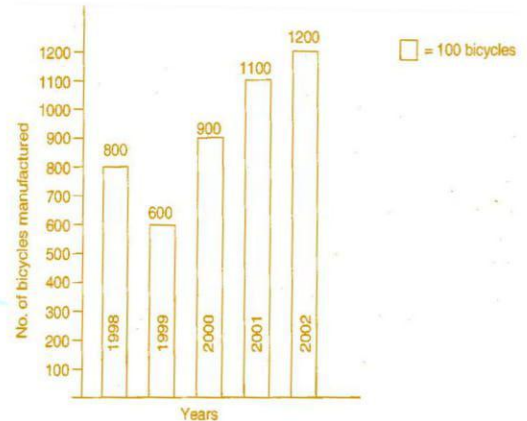
(a) In which year were the maximum number of bicycles manufactures?

(b) In which year were the minimum number of bicycles manufactured?

## Answer 3:

(a) The maximum number of bicycles manufactures in 2002.

(b) The minimum number of bicycles manufactured in 1999.



## Question 4:

Number of persons in various age groups in a town is given in the following table:

Age Group	Number of persons
1 – 14	2 Lakhs
15 – 29	1 lakh 60 thousands
30 – 44	1 lakh 20 thousands
45 – 59	1 lakh 20 thousands
60 – 74	80 thousands
75 and above	40 thousands

Draw a bar graph to represent the above information and answer the following questions. (Take 1 unit length = 20 thousands)

(a) Which two age groups have same population?

(b) All persons in the age group of 60 and above are called senior citizens. How many senior citizens are there in the town?

## Answer 4:

(a) Group 30 – 44 and group 45 – 59 have same population.

(b)  $80,000 + 40,000 = 1,20,000$  senior citizens are there in the town.

