

Class.6 Maths solution(Prashant kr.)

Ch.9.Data Handling

Ex-9.4

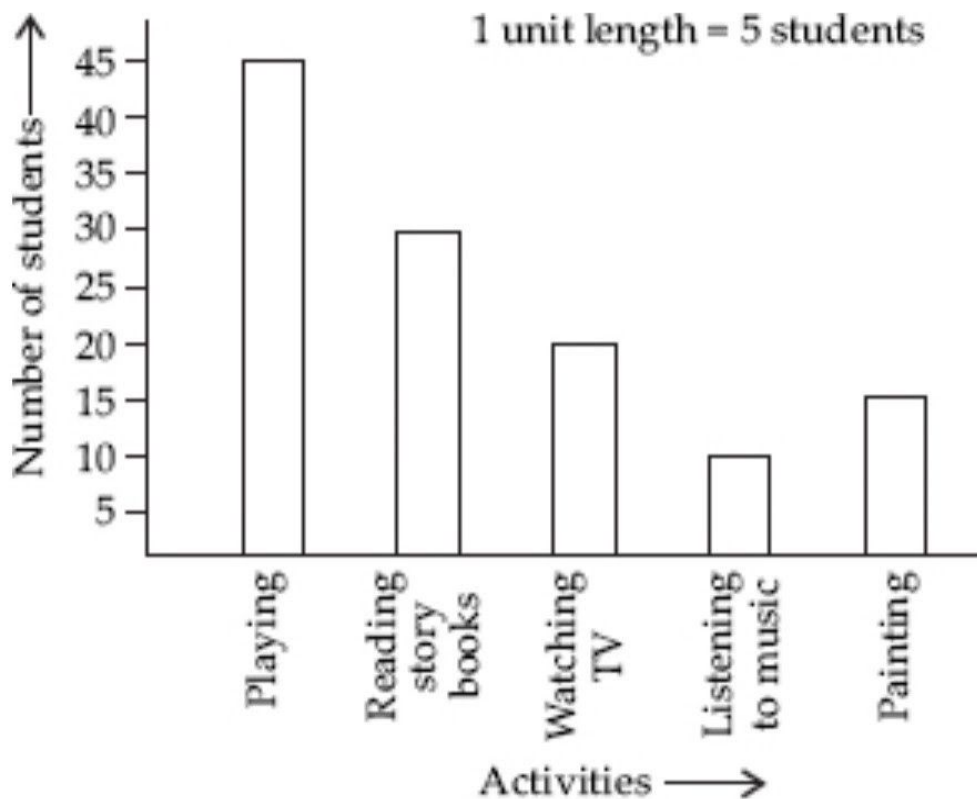
Q1.A survey of 120 school students was done to find which activity they prefer to do in their free time.

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?

SOLUTION:



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

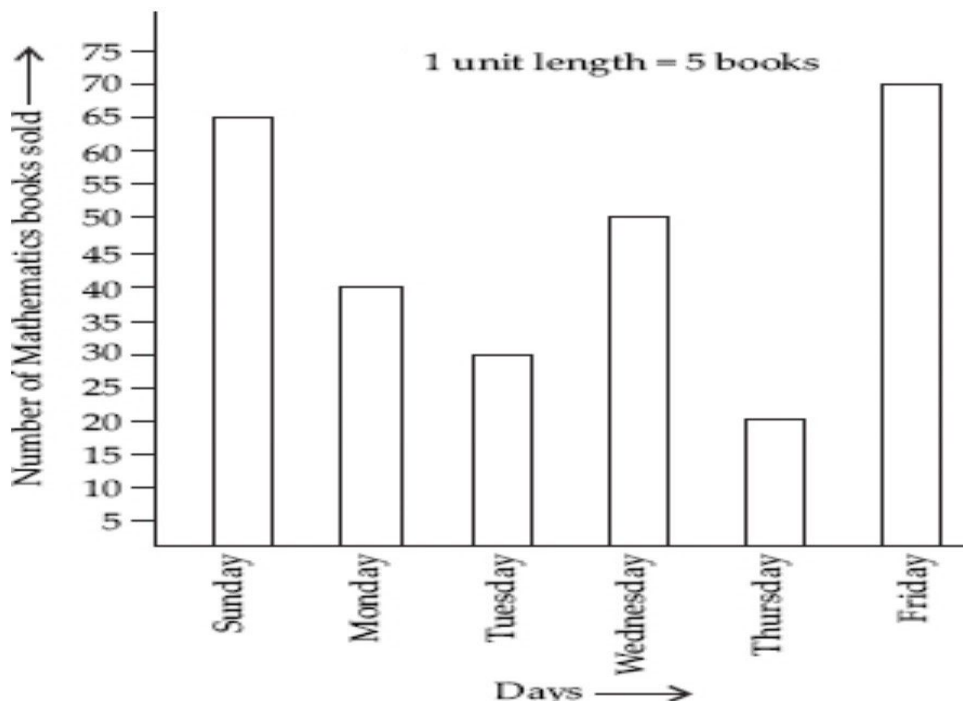
Q2.The number of Mathematics books sold by a shopkeeper on six consecutive days is shown below :

Days	Number of books sold
Sunday	65
Monday	40
Tuesday	30
Wednesday	50
Thursday	20

Friday. 70

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

SOLUTION:



Q3. Following table shows the number of bicycles manufactured in a factory during the years 1998 to 2002. Illustrate this data using a bar graph. Choose a scale of your choice.

Years Number of bicycles manufactured

1998 800

1999 600

2000 900

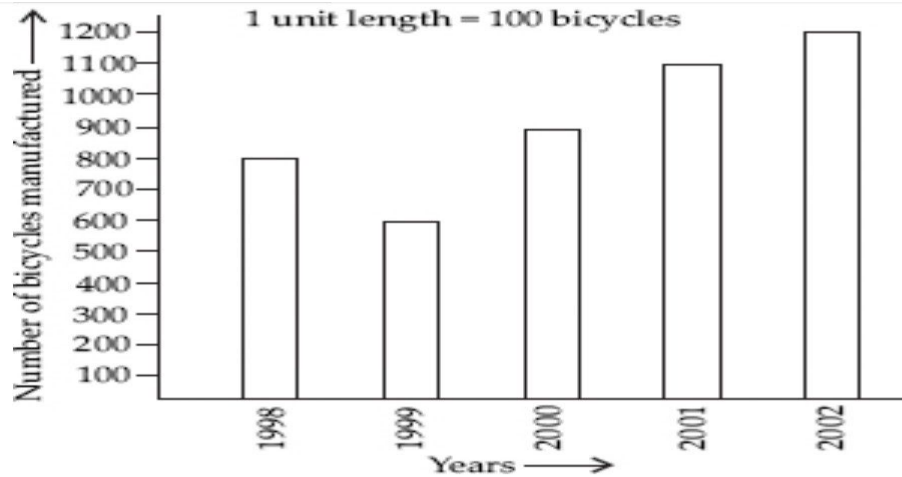
2001 1100

2002 1200

(A) In which year were the maximum number of bicycles manufactured?

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

SOLUTION:



- (A) In 2002, the maximum number of bicycles were manufactured.
 (B) In 1999, the minimum number of bicycles were manufactured.

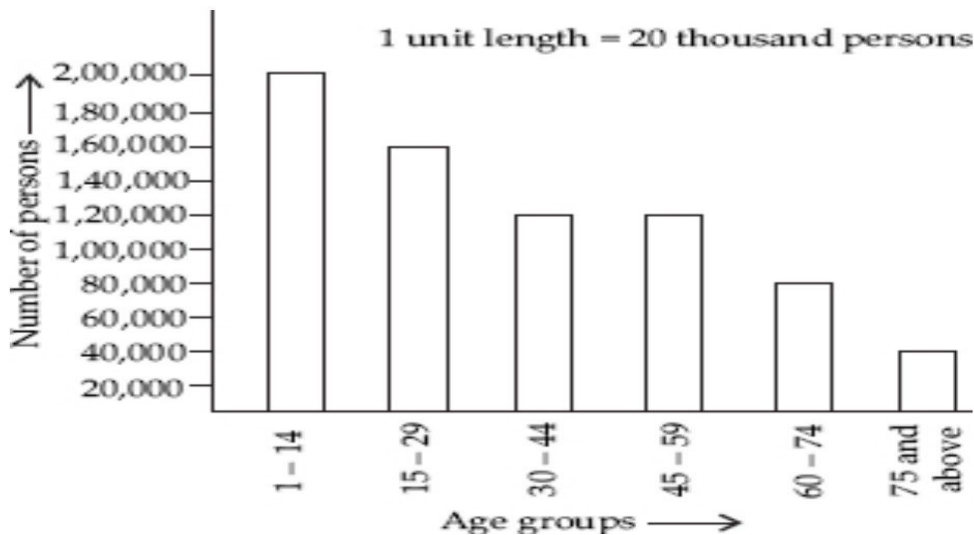
Q4. Number of persons in various age groups in a town is given in the following table.

Age group.	Number of persons
1-14	2 lakhs
15-29	1 lakh 60 thousands
30-44.	1lakh 20 thousands
45-59	1lakh 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?

SOLUTION:



- (A) Age groups 30 – 44 and 45 – 59 have same population.

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