CBSE Worksheet-37

CLASS – VI Mathematics (Data handling)

Choose correct option in questions 1 to 5.

The colours of fridges preferred by people living in a locality are shown by the following pictograph:

Colours	Number of people	☿ - 10 People
Blue	☿ ☿ ☿ ☿ ☿	
Green	☿ ☿ ☿	
Red	☿ ☿ ☿ ☿ ☿ ☾	
White	☿ ☿	

1.   Find the number of people preferring blue colour.
      a.   50   b.   40
      c.   30   d.   20

2.   Find the number of people preferring green colour.
      a.   40   b.   30
      c.   20   d.   10

3.   How many people liked red colour?
      a.   45   b.   50
      c.   55   d.   60

4.   How many people liked white colour?
      a.   50   b.   40
      c.   30   d.   20

5.   Which colour most liked by the people?
      a.   Red   b.   Blue
      c.   Green   d.   White
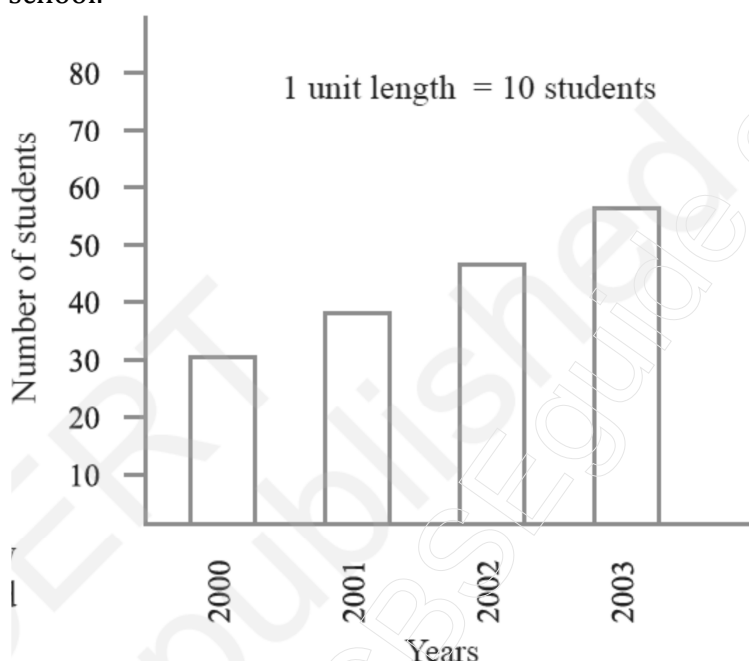
Fill in the blanks:

6.   A data is a _____ of numbers gathered to give some information.

7.   A pictograph represents data through _____ of objects.

8.   Bars of uniform width can be drawn horizontally or vertically with equal spacing between them and then the _____ represents the given number.

9.   The length of each bar gives the required _____.

10. In a Mathematics test, the following marks were obtained by 40 students. Arrange these marks in a table using tally marks.

8	1	3	7	6	5	5	4	4	2
4	9	5	3	7	1	6	5	2	7
7	3	8	4	2	8	9	5	8	6
7	4	5	6	9	6	4	4	6	6

a. Find how many students obtained marks equal to or more than 7.
b. How many students obtained marks below 4?

11. Read the adjoining bar graph showing the number of students in a particular class of a school.

Answer the following questions:

a. What is the scale of this graph?
b. How many new students are added every year?
c. Is the number of students in the year 2003 twice that in the year 2000?

12. Following table shows the monthly expenditure of Imran's family on various items.

Items	Expenditure (in Rs)
House rent	3000
Food	3400
Education	800
Electricity	400
Transport	600
Miscellaneous	1200

Draw a bar graph to represent above information.

Answer key:

1. a
2. b
3. c
4. d
5. a
6. collection
7. pictures
8. length of each bar
9. information
10. a. 10
    b. 5
11. a. The scale is 1 unit length equals 10 students.
    b. 10
    c. No
12. 11.450 kg