

Chapter-9 (Data Handling)

Class-VI

Subject-Mathematics

1. In a class test the number of students who obtained various grades are as follows:

Grade	A	B	C	D
Number of students	35	20	10	5

Prepare a pictograph of students using any symbol representing 5 students.

2. The following data gives the number of children in 20 families.

1, 1, 2, 3, 2, 3, 4, 5, 1, 5, 4, 1, 2, 4, 2, 2, 1, 3, 3, 2

Array the data and form a frequency distribution table.

3. Following are the average marks of a class in five subjects.

English	Mathematics	Science	Social Science	Language
65	89	78	71	56

Draw a bar graph to represent the data.

4. The ages of 25 students of class VI were recorded as follows:

10 11 11 11 10 11 10 12 12 11 11 10 13  
10 11 11 11 11 12 10 10 14 12 11 10

Arrange the data in a tabular form using tally marks.

5. In a school there are five sections of class VI. The number of students involved in charity work in each section is as follows:

Section	A	B	C	D	E
Number of students	35	40	43	41	39

Construct a bar graph to represent the given data.

6. Prepare a pictograph for the following table, which shows the number of students who like to play five different games.

Game	Badminton	Tennis	Football	Cricket	Hockey
Number of students	50	75	125	100	150

Chapter-8 (Decimals)

Class-VI

Subject-Mathematics

1. Write each of the following as decimals.
  - i)  $70 + 8 + \frac{1}{10}$  ii)  $900 + 5 + \frac{3}{10}$
2. Write the following decimals as fractions. Reduce the fraction to the lowest form.
  - i) 25.5 ii) 5.2
3. The mass of a medicine tablet is 25 mg (milligrams). Express it in cg (centigrams).
4. Write the following decimals in the place value table.
  - i) 29.63 ii) 120.139
5. Which is greater? i) 0.03 or 0.06 ii) 29.1 or 29.01
6. Express the following in kilograms (kg) using decimals.
  - i) 201 g ii) 3298 g
7. Express the following in centimetres (cm) using decimals.
  - i) 52 mm ii) 7cm 9 mm
8. Add:
  - i) 360.69, 28, 45.2 and 9.008 ii) 0.007, 9.5 and 29.08
9. Radhika bought a sandwich for Rs. 39.15, coffee for Rs. 22.75 and a pastry for Rs. 58.10. How much did she spend in all?
10. Tanmay purchased a book worth Rs 35.75 from a bookseller and gave him a hundred rupee note. How much balance did he get back?
11. Simplify :  $328.09 - 23.8 + 45.077$
12. Express the following in rupees using decimals:
  - i) 229 paise ii) Rs 1 and 7 paise
13. Anil deposited three cheques for Rs. 912.05, Rs. 5185 and Rs. 102.09 in his bank account. Find the total amount deposited by him.
14. Subtract :
  - i) 1.23 from 7.89 ii) 1.186 from 9.2