

Do all the questions in a separate small notebook or in A4 sheets in the form of assignments.

Q1.) Reena threw a dice 20 times and noted the number appearing each time as shown below: -

6	3	2	5
3	4	5	4
2	6	1	6
4	5	3	3
5	1	6	2

Make a table using tally marks and find: -

i) the number that appeared the minimum number of times.

ii) the number that appeared the maximum number of times.

Q2.) Following table shows the number of bicycles sold during a week. Illustrate this data using a bar graph. Choose a scale of your choice.

Day	number of bicycles sold
Monday	80
Tuesday	60
wednesday	90
Thursday	100
Friday	50
saturday	40

i) On which day the maximum number of bicycles sold?

ii) On which day the minimum number of bicycles sold?

Q3.) Find the cost of fencing a rectangular park of length 250m and breadth 175m at the rate of Rs 12 per metre.

Q4.) A square table top has side 1m 50cm. What is its area in square metres?

Q5.) The side of an equilateral triangle is shown by  $l$ . Express the perimeter of the equilateral triangle using  $l$ .

Q6.) Take Mohan's present age to be  $x$  years. Mohan's father is 35 years. What is Mohan's father's age?

Q7) Complete the table and by inspection of the table, find the solution to the equation  $5t = 35$ .

t	3	4	5	6	7	8	9	10
5t	-	-	-	-	-	-	-	-

Q8) Determine if the following are in proportion:-

a) ~~15, 40~~ 15, 45, 40, 120

b) 4, 6, 8, 12

Q9) True or False:-

i)  $(8:9 :: 24:27)$  (True or false)

ii) 40 persons : 200 persons = Rs 15 : ~~Rs 75~~ Rs 75

Q10) If the cost of 6 cans of juice is Rs 210, then what will be the cost of 4 cans of juice.

Q11) On a squared paper, sketch the following:-

i) A quadrilateral with horizontal line of symmetry, but no vertical line of symmetry.

ii) A triangle with a horizontal line of symmetry, but no vertical line of symmetry.

Q12) Complete the figure such that the figure is symmetrical:-

