

Q1. The students of class VI A voted for their favourite subject and the data collected is organized in the table given below. Complete the missing entries in the table:

Subject	Tally Marks	Number of students
English		7
Hindi		
Mathematics		15
Science		12
Social Studies		

Q2. Children from classes I to V are taking part in a group dance. Following data shows the class each student belongs to:


I, III, V, V, V, IV, IV, IV, I, II, I, III, IV, IV, III, V, V, II, IV, IV, III

Express the data given above in tabulated form.


Class	Tally marks	Number of children
I		
II		
III		
IV		
V		






Q3. The number of cars sold in a month by five different showrooms in New Delhi was recorded as follows:

Jia Motors	60
Ajay Motors	75
Kartik Motors	45
Roshan Motors	30

Represent the above data in the form of a pictograph, using 1  as a symbol for 15 cars.

Q4. The following pictograph shows the number of teachers who attended the seminar on different days of the week. Observe the pictograph given below and answer the following questions:

1  =10 teachers

Days	Number of teachers
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

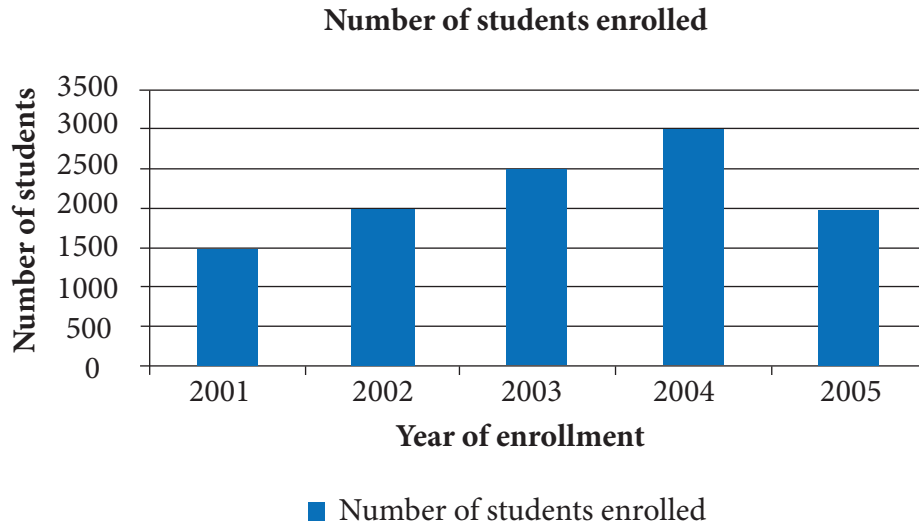
- _____ more teachers attended the seminar on Monday than Wednesday.
- Maximum number of teachers attended the seminar on _____.
- On _____ and _____ same number of teachers were present for the seminar.
- On _____ the participation of teachers in the seminar was the least.

Q5. The following data shows the different genres of books sold in a book fair.

Genre	Number of books sold
Adventure	250
Drama	100
Horror	150
Mystery	200
Self Help	150

Represent the above data using a bar graph.

Q6. The following bar graph displays the number of students enrolled in a school in five consecutive years.



Use the bar graph to answer the following questions:

- a. How many students were enrolled in the year 2003? _____
- b. Which year saw the maximum number of enrollments? _____
- c. In which two years the number of enrollments was the same? _____
- d. How many students were enrolled in these five years? _____

Q7. The weight of 10 students was measured (in kg) and the results were recorded as follows:

35, 38, 40, 37, 30, 42, 34, 36, 42, 31

Based on the above information, answer the questions given below:

- a. What is the weight of the heaviest boy? _____
- b. What is the mean weight of the students? _____
- c. How many students weigh more than the mean weight? _____

Q8. The number of wickets taken by a bowler in the last 10 matches is given below:

1, 8, 2, 6, 4, 6, 8, 1, 3, 6

Find the median of the above data.

Median: _____

Q9. The data given below is arranged in ascending order:

20, 25, 25, $a + 3$, 34, 38, 40

Find the value of a if the median of the following data is 30.

Answer: $a =$ _____

Q10. Find the mean of the following values:

20, $a + 40$, $90 - 3a$, 50, $2a$, 70

Mean: _____

ANSWERS





1.

Subject	Tally Marks	Number of students
English		7
Hindi		4
Mathematics		15
Science		12
Social Studies		8

2.

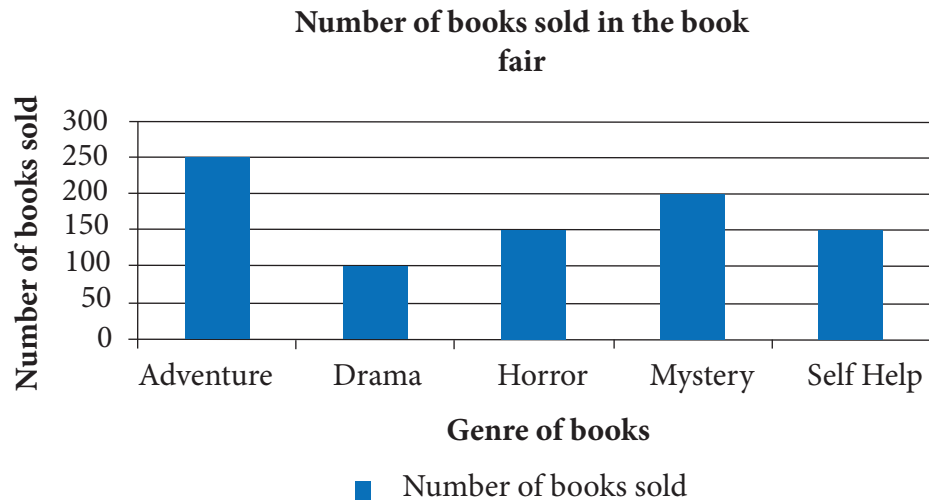
Class	Tally marks	Number of children
I		3
II		2
III		4
IV		7
V		4

3.

Showroom	Number of cars sold
Jia Motors	
Ajay Motors	
Kartik Motors	
Roshan Motors	

4. a. 20; b. Tuesday; c. Monday, Friday; d. Wednesday

5.



6. a. 2500 students; b. 2004; c. 2002 and 2005; d. 11,000 students

7. a. 42 kg; b. 36.5 kg; c. 5 students

8. 5 wickets

9. 27

10. Mean = 45