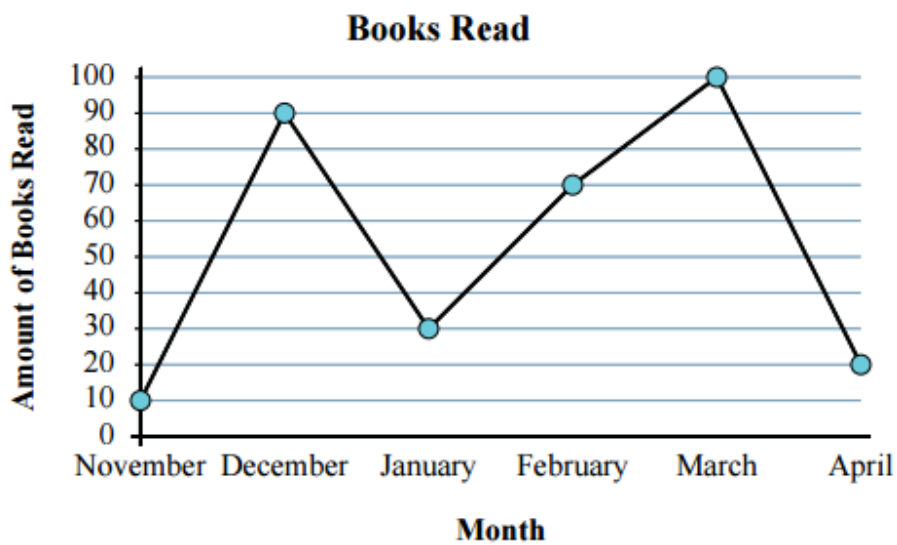


1. What do you mean by the Centroid of a Triangle?
2. What do you mean by the Incentre of a Triangle?
3. What do we mean by the Circumcentre of a Triangle?
4. What do you mean by median of a Triangle?
5. What do you mean by Orthocentre of a Triangle?
6. The graph below shows the number of books a class read each month. Which month had the least number of books read?

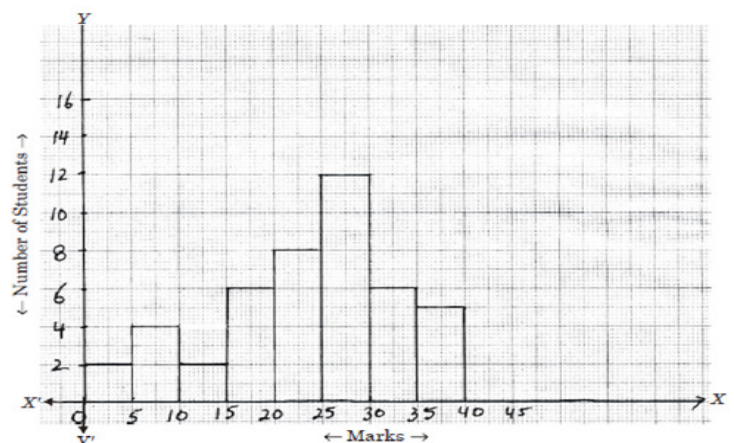


7.

The following histogram depicts the marks obtained by 45 students of a class in Maths test.

Answer the following questions based on above histogram:

- 1). How many students obtained 20 or more marks but less than 35?
- 2). How many students got less than 15 marks?
- 3). If a first division is equal to 25 or more marks, how many students obtained this division?
- 4). In which class-interval of marks the number of students were maximum?



8. The weekly pocket expenses (in dollars) of 30 students of a class are given below:

62, 80, 110, 75, 84, 73, 60, 62, 100, 87, 78, 94, 117, 86, 65, 68, 90, 80, 118, 72, 95, 72, 103, 96, 64, 94, 87, 85, 105, 115

Construct a frequency table with class intervals 60-70 (where 70 is not included) 70-80, 80-90 etc.

9. The daily earnings (in dollars) of 24 stores in a market was recorded as under:

715, 650, 685, 550, 573, 530, 610, 525, 742, 680, 736, 524, 500, 585, 723, 545, 532, 560, 580, 545, 625, 630, 645, 700

Prepare a frequency table taking equal class sizes. One such class is 500-550, where 550 is not included.

10. A group of customer service surveys were sent out at random. The scores were 90, 50, 70, 80, 70, 60, 20, 30, 80, 90, and 20. Find the mean score.

11. What is the median of the following numbers?

10, 39, 71, 42, 39, 76, 38, 25

12. What are the modes of the following sets of numbers?

a. 3, 13, 6, 8, 10, 5, 6

b. 12, 0, 15, 15, 13, 19, 16, 13, 16, 16

13. A student recorded her scores on weekly math quizzes that were marked out of a possible 10 points. Her scores were as follows:

8, 5, 8, 5, 7, 6, 7, 7, 5, 7, 5, 5, 6, 6, 9, 8, 9, 7, 9, 9, 6, 8, 6, 6, 7

What is the mode of her scores on the weekly math quizzes?

14. What is the mode of the following numbers, and what word can be used to describe the distribution of the data set?

5, 4, 10, 3, 3, 4, 7, 4, 6, 5, 11, 9, 5, 7

15. Find the mean of the set of ages in the table below

Age (years)	Frequency
10	0
11	8
12	3
13	2
14	7