

Assignment 9

1. The number of books read by 5 students in a month:

Student	Books Read
A	6
B	9
C	12
D	3
E	10

- Find the mean number of books read.
- Who read above average?
- What is the difference between highest and lowest?

2. A shop sold fruits in a day:

Fruit	Quantity Sold (kg)
Apple	25
Banana	40
Mango	35
Orange	20

- What fraction of total sales is banana?
- Which fruit contributes more than 25%?
- If mango sales increase by 10 kg, what is the new total?

3. A bar graph shows marks scored by a student:

Subject	Marks
Math	78
Science	85
English	72
SST	80
Hindi	75

- Find the average marks.
- Which subject is closest to the average?
- If passing marks = 75, how many subjects are passed?

4. A bag contains 5 red, 3 blue, and 2 green balls.
- a) Probability of picking a blue ball?
 - b) Probability of not picking green?
 - c) If one red ball is removed, what is new probability of red?

5. A die is thrown once.

- a) Probability of getting a number greater than 4?
- b) Probability of getting an even number?
- c) Probability of getting a number not divisible by 3?

6. Monthly expenses (in ₹):

Category	Amount
Food	8000
Rent	12000
Transport	3000
Savings	5000

- a) Total expenditure?
- b) Percentage spent on rent?
- c) If income = ₹30,000, how much is unaccounted?

7. A survey shows:

40 students like Cricket

30 like Football

20 like both

- a) How many like only cricket?
- b) How many like at least one sport?
- c) If total students = 60, how many like neither?