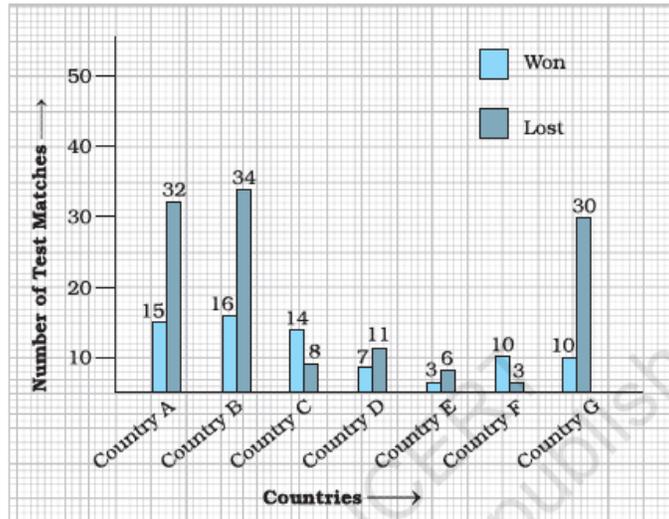


Chapter 3: Data Handling

11. If the mean of 26, 28, 25, x , 24 is 27, find the value of x .
12. The mean of 10 observations was calculated as 40. It was detected on rechecking that the value of 45 was wrongly copied as 15. Find the correct mean.
13. The following double bar graph represents test matches results summary for Cricket Team of country X against different countries:



Use the bar graph to answer the following questions:

- (a) Which country has managed maximum wins against country X?
 - (b) The difference between the number of matches won and lost is highest for which country against country X?
 - (c) Number of wins of country E is the same as number of losses of which country against country X?
14. Fill in the blanks
- a) The difference between the highest and the lowest observations of a data is called _____.
 - b) The mean of a data is defined as _____.
 - c) In a set of observations, the observation that occurs the most often is called _____.
 - d) In a given data, arranged in ascending or descending order, the middle most observation is called _____.
 - e) Mean, Median, Mode are the measures of _____.
 - f) The probability of an event which is certain to happen is _____.
 - g) The probability of an event which is impossible to happen is _____.
 - h) When a die is thrown, the probability of getting a number less than 7 is _____.
 - i) In throwing a die the number of possible outcomes is _____.
 - j) _____ can be used to compare two collections of data.
 - k) The representation of data with bars of uniform width is called _____.
 - l) Median is one of the observations in the data if number of observations is _____.

15. Find the mean of first six multiples of 4.

16. The following table shows the average intake of nutrients in calories by rural and urban groups in a particular year. Using a suitable scale for the given data, draw a double bar graph to compare the data.

Foodstuff	Rural	Urban
Pulses	35	49
Leafy vegetables	14	21
Other vegetables	51	89
Fruits	35	66
Milk	70	250
Fish and flesh foods	10	22
Fats and Oils	9	35
Sugar/Jaggery	19	31
