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An English Medium Co.Ed. School | Science & Commerce

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VSA
A Real English Medium School

Little Steps
Pre Primary wing of VSA

Subject: Maths   Class:9   Topic: Ch.14 Statistics

Practice Exercise 14.4

1. The following number of goals were scored by a team in a series of 10 matches :

   2, 3, 4, 5, 0, 1, 3, 3, 4, 3

   Find the mean, median and mode of these scores.

2. In a mathematics test given to 15 students, the following marks (out of 100) are recorded :

   41, 39, 48, 52, 46, 62, 54, 40, 96, 52, 98, 40, 42, 52, 60.

   Find the mean, median and mode of this data.

3. The following observations have been arranged in ascending order. If the median of the data is 63, find the value of x.

   29, 32, 48, 50, x, $x + 2$, 72, 78, 84, 95.

4. Find the mode of 14, 25, 14, 28, 18, 17, 18, 14, 23, 22, 14, 18.

5. Find the mean salary of 60 workers of a factory from the following table :

Salary (in ₹)	Number of workers
3000	16
4000	12
5000	10
6000	8
7000	6
8000	4
9000	3
10000	1
Total	60

Give one example of a situation in which :

(i) the mean is an appropriate measure of central tendency.

(ii) the mean is not an appropriate measure of central tendency but the median is an appropriate measure of central tendency.