

## Concept CW\_Grade-7\_Data Handling

### Arithmetic Mean and Range of Ungrouped Data

1. The marks obtained by 10 students in a test are 15, 75, 33, 67, 76, 54, 39, 12, 78, 11. Find the arithmetic mean.

2. A batsman scored the following number of runs in six innings:  
36, 35, 50, 46, 60, 55  
Calculate the mean runs scored by him in an inning.

3. The ages in years of 10 teachers of a school are:  
32, 41, 28, 54, 35, 26, 23, 33, 38, 40  
What is the mean age of these teachers?

4. Following table shows the points of each player scored in four games:

| Player | Game 1 | Game 2 | Game 3       | Game 4 |
|--------|--------|--------|--------------|--------|
| A      | 14     | 16     | 10           | 10     |
| B      | 0      | 8      | 6            | 4      |
| C      | 8      | 11     | Did not play | 13     |

Answer the following questions :

- (i) Find the mean to determine A's average number of points scored per game.
- (ii) To find the mean number of points per game for C, would you divide the total points by 3 or by 4? Why?
- (iii) B played in all the four games. How would you find the mean?
- (iv) Who is the best performer?