Vidya Bhawan,Balika Vidyapith, Lakhisarai

Class:-VII   Subject:-Mathematics   Date:-25-01-22

Subject Teacher:-Prabhat Ranjan

Question 1 :Find the range of heights of any ten students of your class.

Solution:-

Let us have the heights of 10 students are as follows:

140 cm, 141.5 cm, 138 cm, 150 cm, 161 cm,

138 cm, 140.5 cm, 135.5 cm, 160 cm, 158 cm

Here, minimum height = 135.5 cm

Maximum height =161 cm

Range = Maximum height − Minimum height

= 161 cm − 135.5 cm = 25.5 cm

Hence, the required range = 25.5 cm.

Questions 2:   A cricketer scores the following runs in eight innings:

58, 76, 40, 35, 46, 45, 0, 100

Find the mean score.

Solution:

Following are the scores of the runs in eight innings:

58, 76, 40, 35, 46, 45, 0, 100

So Mean = Sum of all runs/ Number of innings

=58+76+40+35+46+45+0+100/8

=400/8

=50

Hence, the required mean =50.