

Name \_\_\_\_\_

Date \_\_\_\_\_

### Measures of Center and Variability - Independent Practice Worksheet

Complete all the problems.

1) The heights (in cm) of 9 students of a class are as follows:

155, 160, 145, 149, 150, 147, 152, 144, 148

Find the median of this data.



2) Find the mode and range of the following quiz scores (out of 10) obtained by 10 students.

4, 6, 5, 9, 3, 2, 7, 7, 1, 8

3) 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 and median of these scores.

4) On a mathematics test given to 15 students, the following scores(out of 100) were 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.

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

6) Find the median of the following values:

37, 31, 42, 43, 46, 25, 39, 45, 32



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7) Find the mean salary of 60 workers of a factory from the following table.

Salary	Number of workers
3000	16
4000	12
5000	10
6000	8
7000	6
8000	4
9000	3
10000	1
<b>Total</b>	60

8) The weights (in kg) of 15 students are: 31, 35, 27, 29, 32, 43, 37, 41, 34, 28, 36, 44, 45, 42, 30. Find the median. If the weight 44 kg is replaced by 46 kg and 27 kg by 25 kg, find the new median.

9) Find the mean of first five multiples of 3.

10) The numbers of children in 10 local families is:

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

Find the mean number of children per family.

