

Name: \_\_\_\_\_

**Mean**

- 1) Consider the following distribution of daily wages of 50 workers of a factory.

Daily wages	Number of workers
100 - 120	12
120 - 140	14
140 - 160	8
160 - 180	6
180 - 200	10

Find the mean daily wages of the workers of the factory

- 2) Thirty women were examined in a hospital by a doctor and the number of heart beats per minute were recorded and summarized as follows. Find the mean heart beats per minute for these women, choosing a suitable method.

Number of heart beats per minute	Number of women
65 - 68	2
68 - 71	4
71 - 74	3
74 - 77	8
77 - 80	7
80 - 83	4
83 - 86	2

- 3) In a retail market, fruit vendors were selling mangoes kept in packing boxes. These boxes contained varying number of mangoes. The following was the distribution of mangoes according to the number of boxes.

Number of mangoes	Number of boxes
50 - 52	15
53 - 55	110
56 - 58	135
59 - 61	115
62 - 64	25

Find the mean number of mangoes kept in a packing box.

- 4) The table below shows the daily expenditure on food of 25 households in a locality.

Daily expenditure	Number of households
100 - 150	4
150 - 200	5
200 - 250	1
250 - 300	2
300 - 350	2

Find the mean daily expenditure on food by a suitable method.

- 5) To find out the concentration of  $SO_2$  in the air (in parts per million, i.e., ppm), the data was collected for 30 localities in a certain city and is presented below:

Concentration of $SO_2$ (in ppm)	Frequency
0.00 - 0.04	4
0.04 - 0.08	9
0.08 - 0.12	9
0.12 - 0.16	2
0.16 - 0.20	4
0.20 - 0.24	2

Find the mean concentration of  $SO_2$  in the air.