

EduSahara™ Learning Center Assignment

Grade : Class X, SSC

Chapter : Statistics

Name : Mean of Ungrouped Data

Heights of 20 students are given below. Find the mean.

1.	Height (in cm)	125	134	149	150	153	154	164	165
	No. of students	1	1	3	1	1	4	3	6

- (i) $\frac{3107}{20}$ cm (ii) $\frac{3147}{20}$ cm (iii) $\frac{3109}{20}$ cm (iv) $\frac{777}{5}$ cm (v) $\frac{3127}{20}$ cm

Heights of 30 plants are given below. Find the mean.

2.	Height (in cm)	64	65	66	79	81	84	89	93
	No. of plants	7	2	5	1	2	2	7	4

- (i) $\frac{1156}{15}$ cm (ii) $\frac{1171}{15}$ cm (iii) $\frac{386}{5}$ cm (iv) $\frac{1157}{15}$ cm (v) $\frac{1186}{15}$ cm

Ages of 20 students are given below. Find the mean.

3.	Age (in years)	10	11	12	13	15
	No. of students	3	6	4	4	3

- (i) $\frac{241}{20}$ years (ii) $\frac{281}{20}$ years (iii) $\frac{121}{10}$ years (iv) $\frac{243}{20}$ years (v) $\frac{261}{20}$ years

Scores of 20 students are given below. Find the mean.

4.	Score	75	78	79	80	81	82	83	85	87
	No. of students	2	5	2	2	2	3	2	1	1

- (i) $\frac{411}{5}$ (ii) $\frac{401}{5}$ (iii) $\frac{406}{5}$ (iv) $\frac{403}{5}$ (v) $\frac{402}{5}$

Rainfall of 30 days are given below. Find the mean.

5.	Rainfall (in mm)	5	6	7	8	10	11	12	14	15
	No. of days	4	3	3	2	6	3	2	3	4

- (i) $\frac{51}{5}$ mm (ii) 10 mm (iii) $\frac{49}{5}$ mm (iv) $\frac{59}{5}$ mm (v) $\frac{54}{5}$ mm

Temperatures of 10 days are given below. Find the mean.

6.	Temperature (in degree C)	26	30	32	33	34	35
	No. of days	1	1	2	2	3	1

- (i) $\frac{343}{10}$ °C (ii) $\frac{162}{5}$ °C (iii) $\frac{333}{10}$ °C (iv) $\frac{323}{10}$ °C (v) $\frac{65}{2}$ °C

7. Weights of 10 students are given below. Find the mean.



Weight (in kg)	41	45	47	52	55	56	60
No. of students	2	1	2	1	1	1	2

- (i) $\frac{257}{5}$ kg (ii) $\frac{253}{5}$ kg (iii) $\frac{262}{5}$ kg (iv) $\frac{252}{5}$ kg (v) $\frac{254}{5}$ kg

Wages of 30 labourers are given below. Find the mean.

8.

Wage (in rupees)	315	317	322	324	334	362	367	375	392	424
No. of labourers	3	3	1	2	4	5	2	1	5	4

- (i) ₹ 359.30 (ii) ₹ 359.23 (iii) ₹ 361.23 (iv) ₹ 359.27 (v) ₹ 360.23

If the sum of the following frequency distribution is 24 ,

find the value of 'x'.

9.

Value	Frequency
1	2
2	3
3	1
4	1
5	1
7	x
8	1
10	1
11	3
12	4
13	2
14	3

- (i) 4 (ii) 2 (iii) -1 (iv) 1 (v) 3

If the mean of the following frequency distribution is $6\frac{6}{11}$,

find the value of 'x'.

10.

Value	Frequency
4	5
5	5
6	2
7	3
8	1
9	2
10	x

- (i) 4 (ii) 5 (iii) 1 (iv) 3 (v) 7

Assignment Key

- 1) (i)
- 2) (i)
- 3) (i)
- 4) (ii)
- 5) (iii)
- 6) (iv)
- 7) (iv)
- 8) (ii)
- 9) (ii)
- 10) (i)