

EduSahara™ Learning Center Assignment

Grade : Class IX, SSC

Chapter : Statistics

Name : Mean of Frequency Distribution

Heights of 25 students are given below. Find the mean.

1.	Height (in cm)	134	135	141	144	151	161	170
	No. of students	3	3	3	4	3	4	5

- (i) $\frac{3778}{25}$ cm (ii) $\frac{3754}{25}$ cm (iii) $\frac{751}{5}$ cm (iv) $\frac{3753}{25}$ cm (v) $\frac{3803}{25}$ cm

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

2.	Height (in cm)	60	62	64	66	79	84	86	96
	No. of plants	3	3	3	2	2	2	1	4

- (i) $\frac{763}{10}$ cm (ii) $\frac{743}{10}$ cm (iii) $\frac{149}{2}$ cm (iv) $\frac{753}{10}$ cm (v) $\frac{372}{5}$ cm

Ages of 10 students are given below. Find the mean.

3.	Age (in years)	10	11	12	13	14	15
	No. of students	3	1	1	1	1	3

- (i) $\frac{25}{2}$ years (ii) $\frac{27}{2}$ years (iii) 13 years (iv) $\frac{29}{2}$ years

Scores of 30 students are given below. Find the mean.

4.	Score	72	73	77	79	81	83	84	86
	No. of students	4	5	2	1	5	3	4	6

- (i) $\frac{1196}{15}$ (ii) $\frac{399}{5}$ (iii) $\frac{1211}{15}$ (iv) $\frac{1198}{15}$ (v) $\frac{1226}{15}$

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

5.	Rainfall (in mm)	5	8	9	10	11	14
	No. of days	1	1	1	2	3	2

- (i) $\frac{123}{10}$ mm (ii) $\frac{113}{10}$ mm (iii) $\frac{103}{10}$ mm (iv) $\frac{21}{2}$ mm (v) $\frac{52}{5}$ mm

Temperatures of 20 days are given below. Find the mean.

6.	Temperature (in degree C)	25	26	28	31	32	34	35
	No. of days	1	2	4	3	3	1	6

- (i) $\frac{156}{5}$ °C (ii) $\frac{321}{10}$ °C (iii) $\frac{331}{10}$ °C (iv) $\frac{313}{10}$ °C (v) $\frac{311}{10}$ °C

7. Weights of 20 students are given below. Find the mean.



Weight (in kg)	42	45	47	49	51	54	58
No. of students	2	4	2	4	3	2	3

- (i) $\frac{991}{20}$ kg (ii) $\frac{989}{20}$ kg (iii) $\frac{1009}{20}$ kg (iv) $\frac{1029}{20}$ kg (v) $\frac{99}{2}$ kg
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Wages of 10 labourers are given below. Find the mean.

8.

Wage (in rupees)	305	355	363	412	468	491
No. of labourers	1	2	1	1	2	3

- (i) ₹ 420.00 (ii) ₹ 421.90 (iii) ₹ 420.90 (iv) ₹ 420.10 (v) ₹ 419.90
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Assignment Key

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