

EduSahara™ Learning Center Assignment

Grade : Class IX, ICSE

Chapter : Mean and Median of Ungrouped Data

Name : Mean of Frequency Distribution

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

1.	Height (in cm)	129	138	139	140	144	152	161
	No. of students	6	1	4	6	3	3	2

- (i) $\frac{3518}{25}$ cm (ii) $\frac{3519}{25}$ cm (iii) $\frac{3543}{25}$ cm (iv) $\frac{3568}{25}$ cm (v) $\frac{704}{5}$ cm

Heights of 15 plants are given below. Find the mean.

2.	Height (in cm)	55	59	66	81	87	91	93
	No. of plants	2	3	4	2	1	1	2

- (i) $\frac{359}{5}$ cm (ii) $\frac{364}{5}$ cm (iii) $\frac{369}{5}$ cm (iv) $\frac{361}{5}$ cm (v) 72 cm

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

3.	Age (in years)	10	11	12	13	14	15
	No. of students	5	3	4	4	5	4

- (i) $\frac{314}{25}$ years (ii) $\frac{313}{25}$ years (iii) $\frac{63}{5}$ years (iv) $\frac{363}{25}$ years (v) $\frac{338}{25}$ years

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

4.	Score	70	73	74	77	82	86	87
	No. of students	4	5	3	2	1	2	3

- (i) 77 (ii) $\frac{389}{5}$ (iii) $\frac{386}{5}$ (iv) $\frac{394}{5}$ (v) $\frac{384}{5}$

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

5.	Rainfall (in mm)	5	6	8	9	10	11	13	14	15
	No. of days	2	2	3	1	4	2	2	3	1

- (i) 9 mm (ii) 8 mm (iii) 12 mm (iv) 10 mm (v) 11 mm

Temperatures of 25 days are given below. Find the mean.

6.	Temperature (in degree C)	25	26	27	28	29	30	31	32	33
	No. of days	1	5	3	2	4	2	3	2	3

- (i) $\frac{774}{25}$ °C (ii) $\frac{749}{25}$ °C (iii) $\frac{726}{25}$ °C (iv) $\frac{724}{25}$ °C (v) 29 °C

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

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Weight (in kg)	43	44	46	49	54	58	60
No. of students	2	2	3	3	5	1	4

- (i) $\frac{1027}{20}$ kg (ii) $\frac{1047}{20}$ kg (iii) $\frac{1067}{20}$ kg (iv) $\frac{1029}{20}$ kg (v) $\frac{257}{5}$ kg
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Wages of 30 labourers are given below. Find the mean.

8.

Wage (in rupees)	309	343	346	390	407	414	464	483
No. of labourers	3	3	3	5	4	4	4	4

- (i) ₹ 401.53 (ii) ₹ 400.60 (iii) ₹ 400.67 (iv) ₹ 400.53 (v) ₹ 402.53
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If the mean of the following frequency distribution is $6\frac{5}{6}$,

find the value of 'x'.

9.

Value	Frequency
4	4
5	5
6	1
7	x
8	4
9	4
10	1
11	1

- (i) 4 (ii) 2 (iii) 5 (iv) 7 (v) 3
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Assignment Key

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