

EduSahara™ Learning Center Assignment

Grade : Class IX, CBSE

Chapter : Statistics

Name : Mean of Frequency Distribution

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

Height (in cm)	129	137	140	143	144	149	159	164	166	170	173
No. of students	1	3	2	5	1	2	1	1	3	1	5

- (i) $\frac{3858}{25}$ cm (ii) $\frac{3834}{25}$ cm (iii) $\frac{767}{5}$ cm (iv) $\frac{3883}{25}$ cm (v) $\frac{3833}{25}$ cm

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

Height (in cm)	54	57	72	76	81	90	96
No. of plants	3	4	6	5	5	1	6

- (i) $\frac{379}{5}$ cm (ii) $\frac{455}{6}$ cm (iii) $\frac{2303}{30}$ cm (iv) $\frac{2333}{30}$ cm (v) $\frac{2273}{30}$ cm

Ages of 15 students are given below. Find the mean.

Age (in years)	10	12	13	14	15
No. of students	1	2	5	1	6

- (i) $\frac{41}{3}$ years (ii) $\frac{203}{15}$ years (iii) $\frac{218}{15}$ years (iv) $\frac{68}{5}$ years (v) $\frac{233}{15}$ years

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

Score	73	79	81	82	84	87	88	90
No. of students	1	1	2	1	1	1	2	1

- (i) $\frac{853}{10}$ (ii) $\frac{417}{5}$ (iii) $\frac{167}{2}$ (iv) $\frac{833}{10}$ (v) $\frac{843}{10}$

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

Rainfall (in mm)	5	7	8	9	10	11	12	13	14
No. of days	1	3	4	4	2	2	4	8	2

- (i) $\frac{158}{15}$ mm (ii) $\frac{188}{15}$ mm (iii) $\frac{53}{5}$ mm (iv) $\frac{173}{15}$ mm (v) $\frac{32}{3}$ mm

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

Temperature (in degree C)	26	27	28	29	30	33	34	35
No. of days	1	1	1	1	2	2	1	1

- (i) $\frac{65}{2}$ °C (ii) $\frac{61}{2}$ °C (iii) $\frac{63}{2}$ °C (iv) 31 °C

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

_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
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Weight (in kg)	43	46	51	56	60
No. of students	2	2	2	2	2

- (i) $\frac{261}{5}$ kg (ii) $\frac{266}{5}$ kg (iii) $\frac{256}{5}$ kg (iv) $\frac{258}{5}$ kg (v) $\frac{257}{5}$ kg
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Wages of 25 labourers are given below. Find the mean.

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Wage (in rupees)	331	342	345	381	465	481
No. of labourers	8	3	3	5	4	2

- (i) ₹ 377.52 (ii) ₹ 377.48 (iii) ₹ 378.44 (iv) ₹ 377.44 (v) ₹ 379.44
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Assignment Key

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