

EduSahara™ Learning Center Assignment

Grade : Class IX, ICSE

Chapter : Mean and Median of Ungrouped Data

Name : Median of Frequency Distribution

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

1.	Height (in cm)	133	154	156	158	167	171	173	175
	No. of students	6	2	2	1	4	4	2	4

(i) 169 cm (ii) 167 cm (iii) 168 cm (iv) 165 cm (v) 166 cm

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

2.	Height (in cm)	51	53	68	70	73	74	78	79	100
	No. of plants	4	5	2	3	4	3	3	2	4

(i) 74 cm (ii) 72 cm (iii) 71 cm (iv) 73 cm (v) 75 cm

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

3.	Age (in years)	11	12	13	14	15
	No. of students	1	4	2	2	1

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

Scores of 25 students are given below. Find the median.

4.	Score	70	72	77	81	83	87	89
	No. of students	4	6	1	7	2	2	3

(i) 82 (ii) 80 (iii) 79 (iv) 81 (v) 83

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

5.	Rainfall (in mm)	5	6	7	12	14
	No. of days	3	3	4	5	5

(i) $\frac{23}{2}$ mm (ii) $\frac{21}{2}$ mm (iii) $\frac{19}{2}$ mm (iv) 10 mm

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

6.	Temperature (in degree C)	25	28	29	32	34	35
	No. of days	1	1	2	2	1	3

(i) 34 °C (ii) 31 °C (iii) 32 °C (iv) 30 °C (v) 33 °C

7. Weights of 30 students are given below. Find the median.

Weight (in kg)	43	44	45	47	52	53	55	56	57
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No. of students	1	2	5	5	2	8	1	2	4
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(i) $\frac{107}{2}$ kg (ii) 53 kg (iii) $\frac{109}{2}$ kg (iv) $\frac{105}{2}$ kg

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

8.

Wage (in rupees)	320	329	347	370	392	444	471	484	491
No. of labourers	4	1	8	1	1	2	8	1	4

(i) ₹ 418.00 (ii) ₹ 419.00 (iii) ₹ 417.00 (iv) ₹ 416.00 (v) ₹ 420.00

Assignment Key

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