

EduSahara™ Learning Center Assignment

Grade : Class IX, CBSE

Chapter : Statistics

Name : Median of Frequency Distribution

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

1.	Height (in cm)	130	135	151	155	158	172	174
	No. of students	1	2	1	1	2	1	2

- (i) 157 cm (ii) $\frac{315}{2}$ cm (iii) $\frac{317}{2}$ cm (iv) $\frac{313}{2}$ cm

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

2.	Height (in cm)	61	69	71	74	80	81	89	98
	No. of plants	2	2	8	3	2	6	3	4

- (i) 75 cm (ii) 79 cm (iii) 77 cm (iv) 76 cm (v) 78 cm

Ages of 30 students are given below. Find the median.

3.	Age (in years)	10	11	12	13	14	15
	No. of students	9	5	4	6	1	5

- (i) 10 years (ii) 12 years (iii) 11 years (iv) 13 years (v) 14 years

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

4.	Score	70	71	80	81	82	83	87	88
	No. of students	4	4	8	1	3	1	2	2

- (i) 78 (ii) 79 (iii) 81 (iv) 80 (v) 82

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

5.	Rainfall (in mm)	5	6	7	8	9	10	11	12	13	14	15
	No. of days	1	3	4	2	3	3	1	1	6	3	3

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

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

6.	Temperature (in degree C)	28	29	30	32	33	34
	No. of days	2	1	1	3	1	2

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

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

Weight (in kg)	43	44	46	52	53	57	58
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No. of students	6	4	2	3	2	1	2
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(i) 46 kg (ii) 44 kg (iii) 47 kg (iv) 43 kg (v) 45 kg

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

8.

Wage (in rupees)	308	321	324	367	369	373	378	392	399	403	467	477
No. of labourers	3	3	4	1	4	2	1	3	3	3	1	2

(i) ₹ 369.00 (ii) ₹ 370.00 (iii) ₹ 373.00 (iv) ₹ 372.00 (v) ₹ 371.00

Assignment Key

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