

EduSahara™ Learning Center Assignment

Grade : Class X, SSC

Chapter : Statistics

Name : Median of Ungrouped Data

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

1.	Height (in cm)	125	130	140	143	152	166	168	171	175
	No. of students	1	4	2	3	3	1	2	5	4

(i) 153 cm (ii) 154 cm (iii) 150 cm (iv) 152 cm (v) 151 cm

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

2.	Height (in cm)	51	62	79	89	91	96
	No. of plants	1	2	5	2	4	1

(i) 77 cm (ii) 79 cm (iii) 80 cm (iv) 78 cm (v) 81 cm

Ages of 20 students are given below. Find the median.

3.	Age (in years)	10	11	12	13	14	15
	No. of students	3	2	4	1	6	4

(i) $\frac{31}{2}$ years (ii) 14 years (iii) $\frac{27}{2}$ years (iv) $\frac{29}{2}$ years

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

4.	Score	71	76	77	78	79	82	86	90
	No. of students	1	5	4	5	2	3	3	2

(i) 80 (ii) 79 (iii) 77 (iv) 76 (v) 78

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

5.	Rainfall (in mm)	6	8	10	12	14	15
	No. of days	3	4	5	6	5	7

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

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

6.	Temperature (in degree C)	25	26	27	28	29	30	31	32	33	35
	No. of days	1	2	2	2	2	1	1	3	4	2

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

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

Weight (in kg)	40	41	42	43	48	49	50	53	54	55	56	60
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No. of students	1	1	4	2	4	3	1	2	2	4	4	2
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(i) $\frac{101}{2}$ kg (ii) 50 kg (iii) $\frac{99}{2}$ kg (iv) $\frac{103}{2}$ kg

Wages of 15 labourers are given below. Find the median.

8.

Wage (in rupees)	391	392	422	428	447	449	452	459	466	481
No. of labourers	1	3	1	1	1	3	1	1	2	1

(i) ₹ 451.00 (ii) ₹ 449.00 (iii) ₹ 450.00 (iv) ₹ 448.00 (v) ₹ 447.00

Assignment Key

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