

EduSahara™ Learning Center Assignment**Grade : Class X, ICSE****Chapter : Median, Quartiles and Mode****Name : Median of Ungrouped Data**

The scores obtained by 11 students in a test are

1. 9 , 8 , 6 , 9 , 4 , 7 , 11 , 15 , 4 , 10 , 18

Find the median.

- (i) 9 (ii) 18 (iii) 4 (iv) $9\frac{2}{11}$ (v) 14

2. Find the median of all prime numbers between 50 and 80 .

- (i) 67 (ii) 68 (iii) 65 (iv) 70 (v) 66

3. Find the median of all the factors of 20 .

- (i) $\frac{9}{2}$ (ii) $\frac{7}{2}$ (iii) $\frac{17}{4}$ (iv) 5 (v) $\frac{11}{2}$

4. Find the median of first 6 whole numbers.

- (i) $\frac{9}{4}$ (ii) $\frac{5}{2}$ (iii) $\frac{3}{2}$ (iv) $\frac{7}{2}$ (v) 3

5. Find the median of all the factors of 30 .

- (i) $\frac{21}{4}$ (ii) $\frac{9}{2}$ (iii) $\frac{11}{2}$ (iv) 6 (v) $\frac{13}{2}$

6. Find the median of the first 10 odd numbers.

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

7. Find the median of the first 20 even numbers.

- (i) 22 (ii) 19 (iii) 21 (iv) 23 (v) 20

The marks obtained by 15 students in a test are given below.

8. Find their median marks.

20 , 25 , 28 , 38 , 40 , 19 , 40 , 16 , 20 , 42 , 8 , 6 , 30 , 46 , 38

- (i) 28 (ii) 29 (iii) 26 (iv) 30 (v) 27

Heights of 15 students (in cm) are given below. Find the median height.

9. 129 , 165 , 132 , 149 , 128 , 158 , 142 , 149 , 164 , 152 , 168 , 138 , 174 , 161 , 131

- (i) 147 cm (ii) 150 cm (iii) 149 cm (iv) 148 cm (v) 151 cm

Heights of 13 plants (in cm) are given below. Find the median height.

10. 74 , 86 , 98 , 83 , 87 , 89 , 74 , 50 , 79 , 94 , 100 , 97 , 94

(i) 87 cm (ii) 88 cm (iii) 85 cm (iv) 86 cm (v) 89 cm

Ages of 14 students (in years) are given below. Find the median age.

11. 12 , 14 , 11 , 13 , 14 , 13 , 12 , 14 , 12 , 11 , 12 , 10 , 14 , 12

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

Rainfall of 11 days (in mm) are given below. Find the median rainfall.

12. 10 , 13 , 6 , 9 , 9 , 15 , 11 , 9 , 10 , 14 , 14

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

Scores of 12 students are given below. Find the median score.

13. 72 , 71 , 76 , 85 , 89 , 72 , 89 , 85 , 85 , 72 , 79 , 84

(i) 82 (ii) $\frac{163}{2}$ (iii) $\frac{167}{2}$ (iv) $\frac{165}{2}$

Temperatures of 11 days (in °C) are given below. Find the median temperature.

14. 25 , 34 , 35 , 25 , 27 , 25 , 26 , 32 , 26 , 26 , 34

(i) 24 °C (ii) 26 °C (iii) 25 °C (iv) 28 °C (v) 27 °C

Weights of 12 students (in kg) are given below. Find the median weight.

15. 46 , 54 , 51 , 41 , 53 , 54 , 41 , 48 , 55 , 41 , 51 , 45

(i) 50 kg (ii) $\frac{103}{2}$ kg (iii) $\frac{101}{2}$ kg (iv) $\frac{99}{2}$ kg

Daily wages of 11 labourers (in ₹) are given below. Find the median wage.

16. 347 , 419 , 402 , 401 , 391 , 411 , 469 , 372 , 366 , 403 , 386

(i) ₹ 403.00 (ii) ₹ 399.00 (iii) ₹ 401.00 (iv) ₹ 402.00 (v) ₹ 400.00

Assignment Key

- 1) (i)
- 2) (i)
- 3) (i)
- 4) (ii)
- 5) (iii)
- 6) (ii)
- 7) (iii)
- 8) (i)
- 9) (iii)
- 10) (i)
- 11) (iv)
- 12) (ii)
- 13) (ii)
- 14) (ii)
- 15) (iv)
- 16) (iii)