



1. The scores obtained by 7 students in a test are given below. Find the median. 16 20 9 20 14 3 11

- (i) 14 (ii) 20 (iii) 17 (iv) $13\frac{2}{7}$ (v) 3

2. Find the median of all prime numbers between 40 and 100.

- (i) 70 (ii) 64 (iii) 66 (iv) 68 (v) 67

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

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

4. Find the median of first 5 whole numbers.

- (i) 4 (ii) 2 (iii) -1 (iv) 3 (v) 1

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

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

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

- (i) 10 (ii) 11 (iii) 12 (iv) 14 (v) 8

7. The marks obtained by 12 students in a test are given below. Find their median marks.

30 47 36 35 30 17 7 38 37 34 14 49

- (i) 35 (ii) $\frac{67}{2}$ (iii) $\frac{69}{2}$ (iv) $\frac{71}{2}$ (v) $\frac{137}{4}$

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

131 131 151 160 159 172 139 157 148 128 135 163 137 143 168

- (i) 147cm (ii) 149cm (iii) 148cm (iv) 150cm (v) 146cm

9. Heights of 12 plants (in cm) are given below. Find the median height.

68 69 78 77 65 95 76 72 83 77 96 81

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

10. Ages of 10 students (in years) are given below. Find the median age.

12 11 13 12 13 10 15 15 12 11

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

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

7 13 12 10 8 7 8 15 15 7 11

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

12. Scores of 10 students are given below. Find the median score.

86 90 74 83 87 78 88 87 78 73

- (i) $\frac{171}{2}$ (ii) $\frac{169}{2}$ (iii) 85 (iv) $\frac{173}{2}$

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

25 34 35 35 33 28 30 32 33 33 27

- (i) 31°C (ii) 35°C (iii) 34°C (iv) 33°C (v) 32°C

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

53 53 50 60 50 43 41 43 58 46 59 57

- (i) 52 kg (ii) $\frac{103}{2}$ kg (iii) $\frac{105}{2}$ kg (iv) $\frac{107}{2}$ kg

15. Daily wages of 15 labourers (in ₹) are given below. Find the median wage.

369 450 302 487 311 401 495 460 497 410 384 347 331 455 332

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

16. Find the median of the first 15 odd numbers.

- (i) 17 (ii) 14 (iii) 15 (iv) 12 (v) 16

The observations of an ungrouped data are $x_1, x_2, 2x_1$ and $x_1 < x_2 < 2x_1$.

17. If the mean and median of the data are equal to 9, find the observations of the data

- (i) 10, 9, 16 (ii) 12, 9, 24 (iii) 6, 9, 12 (iv) 7, 9, 14

The observations of an ungrouped data are x_1, x_2, x_3 and $x_1 < x_2 < x_3$.

18. If the mean and median of the data are 12 and 8 respectively and $x_3 - x_1 = 20$, find x_1, x_2, x_3

- (i) 6, 8, 26 (ii) 8, 8, 48 (iii) 8, 8, 28 (iv) 4, 8, 24

Given an even number of random samples with the middle two samples as

19. $x + 23$ and $x + 24$ and the median as $26\frac{1}{2}$,

find the value of x .

- (i) 0 (ii) 5 (iii) 3 (iv) 2 (v) 4

Assignment Key

1) (i)	2) (v)	3) (iv)	4) (ii)	5) (iv)	6) (ii)
7) (iii)	8) (iii)	9) (iv)	10) (ii)	11) (i)	12) (ii)
13) (iv)	14) (ii)	15) (i)	16) (iii)	17) (iii)	18) (iv)
19) (iii)					