



1. The scores obtained by 9 students in a test are given below. Find the median. 9 11 1 6 10 4 10 14 9

- (i) 9 (ii) 13 (iii) 1 (iv) 14 (v) $8\frac{2}{9}$

2. Find the median of all prime numbers between 40 and 70.

- (i) 53 (ii) 54 (iii) 50 (iv) 52 (v) 55

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

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

4. Find the median of first 9 whole numbers.

- (i) 2 (ii) 4 (iii) 7 (iv) 5 (v) 3

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

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

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

- (i) 12 (ii) 16 (iii) 18 (iv) 15 (v) 14

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

- (i) 21 (ii) 22 (iii) 19 (iv) 20 (v) 24

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

16 10 44 40 20 25 15 36 32 39 6 7

- (i) 23 (ii) $\frac{47}{2}$ (iii) $\frac{45}{2}$ (iv) $\frac{43}{2}$ (v) $\frac{89}{4}$

9. Heights of 11 students (in cm) are given below. Find the median height.

143 146 140 160 175 153 148 153 163 136 128

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

10. Heights of 10 plants (in cm) are given below. Find the median height.

96 54 50 100 80 94 99 59 82 91

- (i) $\frac{177}{2}$ cm (ii) $\frac{173}{2}$ cm (iii) $\frac{175}{2}$ cm (iv) 87cm

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

15 11 12 10 11 12 11 11 13 10 11 12 14 15

- (i) $\frac{27}{2}$ years (ii) 12years (iii) $\frac{23}{2}$ years (iv) $\frac{25}{2}$ years

12. Rainfall of 12 days (in mm) are given below. Find the median rainfall.

9 5 7 12 13 6 11 14 6 13 11 15

(i) 13mm (ii) 12mm (iii) 10mm (iv) 11mm (v) 9mm

13. Scores of 11 students are given below. Find the median score.

76 72 79 87 76 73 72 78 80 90 73

(i) 76 (ii) 74 (iii) 77 (iv) 75 (v) 78

14. Temperatures of 10 days (in °C) are given below. Find the median temperature.

32 30 28 32 27 33 28 33 30 27

(i) 32°C (ii) 28°C (iii) 31°C (iv) 29°C (v) 30°C

15. Weights of 10 students (in kg) are given below. Find the median weight.

56 44 53 40 46 58 42 52 50 43

(i) 47kg (ii) 48kg (iii) 50kg (iv) 49kg (v) 46kg

16. Daily wages of 10 labourers (in ₹) are given below. Find the median wage.

426 332 434 316 388 492 478 316 391 364

(i) ₹391.50 (ii) ₹390.50 (iii) ₹389.50 (iv) ₹390.00

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 6, find the observations of the data

(i) 8,6,12 (ii) 5,6,10 (iii) 8,6,16 (iv) 4,6,8

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 54 and 36 respectively and $x_3 - x_1 = 90$, find x_1, x_2, x_3

(i) 22,36,112 (ii) 36,36,216 (iii) 20,36,110 (iv) 18,36,108

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

19. $x + 17$ and $x + 24$ and the median as $22\frac{1}{2}$,

find the value of x .

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

Assignment Key

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