EduSahara™ Learning Center Assignment

Grade   : Class VII, CBSE
Chapter   : Data Handling
Name   : Median
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The scores obtained by 9 students in a test are

1. 6 , 16 , 1 , 18 , 17 , 16 , 3 , 14 , 18

Find the median.

(i) 17 (ii) $12\frac{1}{9}$ (iii) 1 (iv) 16 (v) 18

Ages of 12 students (in years) are given below. Find the median age.

2. 14 , 10 , 13 , 13 , 10 , 13 , 14 , 11 , 10 , 15 , 14 , 15

(i) 15 years (ii) 12 years (iii) 14 years (iv) 11 years (v) 13 years

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

3. 8 , 9 , 10 , 11 , 6 , 10 , 8 , 13 , 8 , 11 , 11 , 15

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

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

4. 85 , 73 , 83 , 81 , 86 , 76 , 79 , 80 , 77 , 86 , 74

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

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

5. 31 , 34 , 30 , 30 , 33 , 33 , 32 , 28 , 35 , 27 , 34 , 32 , 26 , 32

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

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

6. 42 , 49 , 44 , 42 , 47 , 42 , 55 , 45 , 51 , 46 , 53 , 54 , 44 , 50 , 41

(i) 47 kg (ii) 48 kg (iii) 46 kg (iv) 45 kg (v) 44 kg

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

7.

　　407 , 352 , 323 , 387 , 348 , 431 , 472 , 368 , 476 , 369

　　(i) ₹ 380.00 (ii) ₹ 378.00 (iii) ₹ 376.00 (iv) ₹ 379.00 (v) ₹ 377.00

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8. Find the median of all prime numbers between 30 and 60 .

　　(i) 43 (ii) 45 (iii) 44 (iv) 42 (v) 41

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9. Find the median of all the factors of 40 .

　　(i) $\dfrac{25}{4}$ (ii) $\dfrac{15}{2}$ (iii) $\dfrac{13}{2}$ (iv) $\dfrac{11}{2}$ (v) 7

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10. Find the median of first 10 whole numbers.

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

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11. Find the median of all the factors of 10 .

　　(i) $\dfrac{5}{2}$ (ii) $\dfrac{13}{4}$ (iii) $\dfrac{7}{2}$ (iv) 4 (v) $\dfrac{9}{2}$

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

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

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

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

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

　　3 , 23 , 40 , 26 , 1 , 23 , 46 , 21 , 26 , 4 , 32 , 11

　　(i) 23 (ii) 24 (iii) 22 (iv) 26 (v) 20

Heights of 10 students (in cm) are given below. Find the median height.
15.
　　144 , 153 , 152 , 161 , 127 , 145 , 168 , 164 , 143 , 162

　　(i) $\dfrac{309}{2}$ cm (ii) 153 cm (iii) $\dfrac{307}{2}$ cm (iv) $\dfrac{305}{2}$ cm

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Heights of 13 plants (in cm) are given below. Find the median height.
16.

81 , 68 , 81 , 96 , 64 , 80 , 94 , 75 , 74 , 56 , 93 , 80 , 98

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

Assignment Key

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