

EduSahara™ Learning Center Assignment

Grade : Class VII, CBSE

Chapter : Data Handling

Name : Mode

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The scores obtained by 12 students in a test are

1. 20, 13, 1, 20, 11, 2, 19, 5, 2, 2, 18, 9

Find the mode.

- (i) 19 (ii) 2 (iii) 11 (iv) 1 (v) $10\frac{10}{11}$

Heights of 26 students are given below. Find the mode.

2.	Height (in cm)	127	129	134	140	144	148	152	160	161	170	173	175
	No. of students	5	1	1	4	2	3	2	2	2	2	1	1

- (i) 126 cm (ii) 127 cm (iii) 128 cm (iv) 125 cm (v) 129 cm

Heights of 11 plants are given below. Find the mode.

3.	Height (in cm)	50	62	63	78	90	92
	No. of plants	1	2	4	2	1	1

- (i) 64 cm (ii) 62 cm (iii) 65 cm (iv) 63 cm (v) 61 cm

Ages of 26 students are given below. Find the mode.

4.	Age (in years)	10	11	13	14	15
	No. of students	9	4	4	8	1

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

Scores of 26 students are given below. Find the mode.

5.	Score	73	77	80	82	84	86	88
	No. of students	3	3	3	3	4	2	8

- (i) 90 (ii) 89 (iii) 87 (iv) 86 (v) 88

Rainfall of 31 days are given below. Find the mode.

6.

Rainfall (in mm)	5	6	7	8	11	12	13	14
No. of days	6	5	4	5	2	2	3	4

(i) 6 mm (ii) 4 mm (iii) 5 mm (iv) 7 mm (v) 3 mm

Temperatures of 21 days are given below. Find the mode.

7.

Temperature (in degree C)	25	26	27	30	31	32	34	35
No. of days	1	7	2	2	2	1	1	5

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

Weights of 31 students are given below. Find the mode.

8.

Weight (in kg)	42	44	48	50	54	55	56	57	58	60
No. of students	2	2	4	4	3	7	1	2	4	2

(i) 56 kg (ii) 57 kg (iii) 55 kg (iv) 53 kg (v) 54 kg

Wages of 31 labourers are given below. Find the mode.

9.

Wage (in rupees)	301	350	361	379	393	415	419	457	459	468	473
No. of labourers	5	4	1	2	3	1	5	1	1	7	1

(i) ₹ 470.00 (ii) ₹ 468.00 (iii) ₹ 466.00 (iv) ₹ 469.00 (v) ₹ 467.00

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

10. 11 , 14 , 8 , 13 , 12 , 10 , 6 , 8 , 12 , 11 , 8

(i) 7 mm (ii) 8 mm (iii) 10 mm (iv) 9 mm (v) 6 mm

Scores of 16 students are given below. Find the mode score.

11. 90 , 74 , 77 , 76 , 81 , 72 , 89 , 80 , 83 , 79 , 80 , 73 , 84 , 89 , 73

(i) 73 (ii) 72 (iii) 75 (iv) 71 (v) 74

Temperatures of 16 days (in °C) are given below. Find the mode temperature.

12. 31 , 30 , 26 , 29 , 32 , 32 , 35 , 28 , 34 , 27 , 28 , 34 , 30 , 27 , 32

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

Weights of 13 students (in kg) are given below. Find the mode weight.

13. 46 , 51 , 41 , 47 , 48 , 54 , 54 , 47 , 55 , 59 , 49 , 55 , 47

(i) 45 kg (ii) 49 kg (iii) 46 kg (iv) 47 kg (v) 48 kg

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

14. 380 , 413 , 486 , 351 , 391 , 304 , 481 , 479 , 320 , 300 , 300

(i) ₹ 300.00 (ii) ₹ 302.00 (iii) ₹ 299.00 (iv) ₹ 298.00 (v) ₹ 301.00

The marks obtained by 14 students in a test are given below.

15. Find their mode marks.

18 , 45 , 48 , 23 , 32 , 16 , 50 , 23 , 37 , 2 , 30 , 17 , 31 , 19

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

Heights of 13 students (in cm) are given below. Find the mode height.

16. 138 , 137 , 170 , 143 , 129 , 145 , 148 , 156 , 130 , 154 , 152 , 166 , 129

(i) 129 cm (ii) 127 cm (iii) 130 cm (iv) 128 cm (v) 131 cm

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

17. 86 , 78 , 99 , 68 , 64 , 57 , 77 , 53 , 78 , 75 , 68 , 51 , 84 , 73 , 62
68

(i) 68 cm (ii) 67 cm (iii) 70 cm (iv) 69 cm (v) 66 cm

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

18. 13 , 12 , 11 , 14 , 15 , 13 , 10 , 11 , 10 , 15 , 14 , 13 , 15 , 13

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

Assignment Key

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