

Interleaved: mean, median and mode



1

Find the mean of 4, 7, 9, 3, 12

Which method? Mean Median Mode

add them: 35, then ÷ 5

Answer 7

2

Find the median of 8, 2, 11, 5, 6, 9

Which method? Mean Median Mode

Answer _____

3

The table shows the shoe sizes of some pupils. Find the modal shoe size.

Shoe size	4	5	6	7
Frequency	3	7	5	2

Which method? Mean Median Mode

Answer _____

4

The table shows the goals scored in 20 matches. Find the mean number of goals.

Goals	0	1	2	3
Frequency	4	6	7	3

Which method? Mean Median Mode

Answer _____

5

The table shows how many pets 19 pupils have. Find the median.

Pets	0	1	2	3
Frequency	5	8	4	2

Which method? Mean Median Mode

Answer _____

6

A shop sold jackets in these sizes: S, M, M, L, M, S, L, XL, M. It wants to order more of the most popular size. Which average should it use, and what is it?

Which method? Mean Median Mode

Answer _____

7

The mean of four numbers is 6. Three of them are 3, 5 and 8. Find the fourth.

Which method? Mean Median Mode

Answer _____

8

Find the median height: 152 cm, 147 cm, 160 cm, 155 cm, 149 cm, 158 cm, 151 cm

Which method? Mean Median Mode

Answer _____

Interleaved: mean, median and mode *further practice*



9

The table shows how many books 20 pupils read this term. Find the mean.

Books	1	2	3	4
Frequency	3	5	8	4

Answer _____

10

The table shows the scores in a quiz out of 5. Find the mode.

Score	2	3	4	5
Frequency	4	6	11	3

Answer _____

11

Four parcels weigh 3.2 kg, 4.5 kg, 2.8 kg and 5.1 kg. Find the median weight.

Answer _____

12

A class of 10 has a mean test score of 14. A class of 15 has a mean of 18. Find the mean score of all 25 pupils.

Answer _____

13

The table shows how many brothers and sisters 25 pupils have. Find the median.

Siblings	0	1	2	3
Frequency	6	9	7	3

Answer _____

14

A survey of favourite fruit gave apple 7, banana 12, grape 9. Which average can be found, and what is it?

Answer _____

15

The table shows the hours 20 people spent online yesterday. Find the mean.

Hours	1	2	3	4
Frequency	2	7	6	5

Answer _____

16

Ella says the median of this table is 3, because 3 is in the middle of 1, 2, 3, 4, 5. Explain her mistake and find the median.

Value	1	2	3	4	5
Frequency	9	6	3	1	1

Answer _____