

Mean, median, mode and range

Find the mean, median, mode and range of the following data.

1) 2, 3, 5, 8, 9, 9, 9, 10, 13, 14, 15

Mean: _____

Median: _____

Mode: _____

Range: _____

2) 0, 0, 3, 4, 4, 4, 5, 6, 6, 7, 8, 10, 11

Mean: _____

Median: _____

Mode: _____

Range: _____

3) 5, 7, 5, 8, 12, 8, 6, 4, 5, 1, 0, 11

Mean: _____

Median: _____

Mode: _____

Range: _____

4) 12, 11, 7, 8, 9, 7, 14, 20, 5, 7, 10

Mean: _____

Median: _____

Mode: _____

Range: _____

5) The list shows the shoe sizes of ten men

9, 10, 11, 8, 10, 7, 12, 9, 8, 9

a) Write down the mode: _____

b) Find the median: _____

c) Work out the mean shoe size. _____

d) Write the Range of the shoes. _____

6) . The marks obtained by Year 10 and Year 11 students out of 100 marks during monthly tests are as follows:

Year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Ten	79	76	82	70	73	82	95	87	90	92
Eleven	85	90	88	65	75	87	91	90	89	91

Mean Year 10 = _____

Mean Year 11 = _____

7) 30 adults took part in a survey. They were each asked how much money they spent on lottery tickets last week. The table shows the results of the survey. Work out the mean amount of money the 30 adults spent on lottery tickets.

Money (x)	Frequency (f)	fx
0	5	
2	16	
4	6	
20	2	
30	1	

Work out mean.

Mean: _____

8) Zach has 10 CDs.

The table gives some information about the number of tracks on each CD.

Number of tracks	11	12	13	14	15
Frequency	1	3	0	2	4

Work out mean.

Mean: _____

9. A small company has 15 employees. Their salaries are as follow:

Salary	£1000	£1500	£1800	£2000	£2500	£3000	£3500
No. of employees	3	2	4	1	2	2	1

Find mean, median, mode and range?

Mean: _____ Median: _____ Mode: _____ Range: _____

10) There are 40 caravans in a holiday park.

The table gives information about the number of people in each caravan.

Number of people	1	2	3	4	5
Frequency	8	11	9	7	5

Work out the mean number of people in each caravan.