

5 This is a list of test grades.

7 7 5 3 4 3 3 7 1 7 2 7

(a) Find the mode.

..... [1]

(b) Find the range.

..... [1]

7 These are the scores of 10 students in a test.

15 5 20 25 7 13 15 11 17 12

Find

(a) the range,

..... [1]

(b) the mean.

..... [2]

3 (a) Zoe's test scores last term were 6 7 7 7 8 9 9 10 10.

Find

(i) the range,

..... [1]

(ii) the mode,

..... [1]

(iii) the median.

..... [1]

1 These are the scores of 10 students in a test.

7 15 9 4 16 6 8 11 12 10

Find

(a) the median,

..... [2]

(b) the mean.

..... [2]

8 Daryl records the number of hours in a week 8 people spend exercising.

5 2 1.5 3 18 4.5 2 4

(a) Find the median.

..... h [2]

(b) Explain why the mean may not be a suitable average to use.

..... [1]

- 4 The mean mass of four men in a rowing team is 97.5 kg.  
The modal mass is 101 kg.  
The range of the masses is 8 kg.

Find the mass of each of the four men.

..... kg , ..... kg , ..... kg, ..... kg [3]

- 14 The range, mode, median and mean of five positive integers are all equal to 10.

Find one possible set of these five integers.

..... , ..... , ..... , ..... , ..... [4]

- 4 Write down an expression for the range of  $k$  consecutive integers.

..... [1]