

①

Here are the ages, in years of nine people. 91, 70, 70, 69, 78, 82, 72, 85 and 76

- a) For this data:
- i Write down the mode
 - ii Find the median
 - iii Calculate the mean

A person whose age is 71 joins the group.

- b) Find the median of the ten people

- ② The number of cars passing a stretch of road during a particular period is summarised in the following stem and leaf diagram:

Number of Cars

Stem	Leaves
1	1 4
2	2 4 4 6
3	2 4 4 4 5 6 8
4	0 2 2 5
5	0 2

Key

3 | 5 means 35

Work out the (a) mode (b) median and (c) mean for these data.

- ③ The mean weight of a group of ten students is 49 kg.

- (a) Find the total weight of the students

One student joins the group, his weight is 38 kg.

- (b) Find the mean weight of all the eleven students.
