5. Six lifeguards work at a swimming pool.

The table shows the number at the swimming pool each day for three weeks.

Number of lifeguards	Frequency
1	0
2	5
3	4
4	5
5	6
6	1

a) Work out how many days there were more than 3 lifeguards.

(1 mark)

b) Work out the median number of lifeguards. You must show your working.

(2 marks)

c) Work out the mean number of lifeguards. Give your answer correct to 3 significant figures.

(3 marks)

7. The table gives information about the speed, in km/h, of 60 vehicles passing a speed checkpoint.
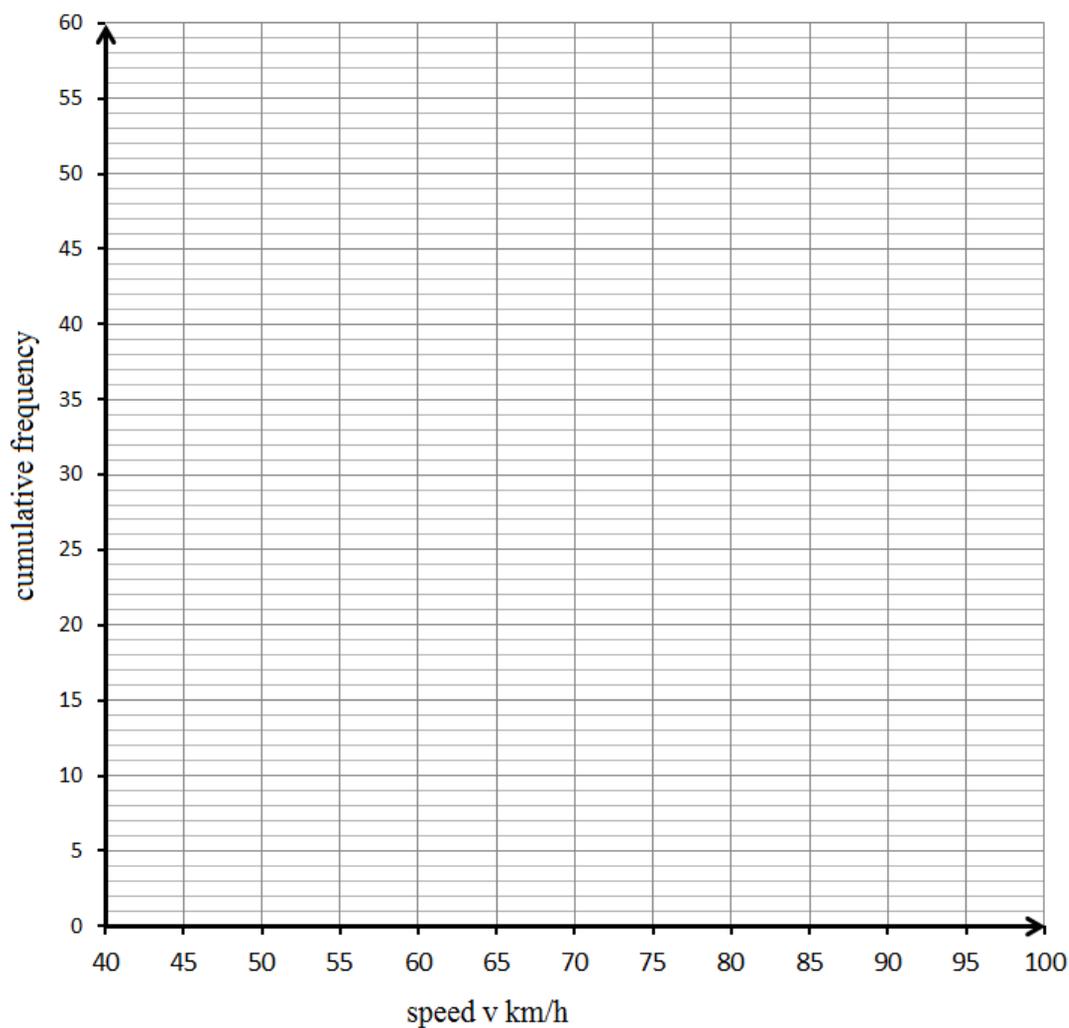
Speed (v km/h)	Frequency	Cumulative Frequency
$40 < v \leqslant 50$	5	
$50 < v \leqslant 60$	14	
$60 < v \leqslant 70$	16	
$70 < v \leqslant 80$	10	
$80 < v \leqslant 90$	9	
$90 < v \leqslant 100$	6	

a) Complete the cumulative frequency table. (1 mark)

b) On the grid, draw a cumulative frequency graph for your table. (4 marks)

c) The Police decide to issue a fine of 30 € to any driver who is driving between 75 and 85 Km/h. Find out the number of drivers who will be issued a fine of 30 €.

(2 marks)