

1. The table below shows the time it takes to get to school in minutes.

Time (minutes)	Frequency	
0≤t<10	12	
10≤t<20	14	
20≤t<40	8	
40≤t<60	6	

Find an estimate for the mean.

(4 marks)

2. The table below shows the height, in cm, of 50 students in year 9.

Height (cm)	Frequency	
100≤h<110	7	
110≤h<120	18	
120≤h<40	13	
140≤h<160	8	
160≤h<170	4	

Find an estimate for the mean.

(4 marks)



3. The table below shows the age (in years) off the first 100 people in a bus station.

Age (years)	Frequency	
0≤a<20	26	
20≤a<40	31	
40≤a<60	23	
60≤a<100	20	

Find an estimate for the mean.

(4 marks)

4. The table below shows the time it takes for students to finish their Maths test.

Time (minutes)	Frequency
0≤t<10	7
10≤t<20	17
20≤t<30	22
30≤t<40	25
40≤t<60	19

Find an estimate for the mean.

(4 marks)



5. The table below shows the weight (in kg) of 60 people.

Weight (kg)	Frequency
50≤w<60	7
60≤w<70	14
70≤w<80	18
80≤w<90	12
100≤w<110	9

Find an estimate for the mean.

(4 marks)

6. The table below shows the amount of money (in £s) people spend on their lunch each day.

Amount (£)	Frequency
0≤£<3	14
3≤£<5	13
5≤£<8	11
8≤£<10	9
10≤£<15	3

Find an estimate for the mean.

(4 marks)



7. The amount of time students watch TV on a school night is shown in the table below.

Time (minutes)	Frequency	
0≤t<20	12	
20≤t<40	28	
40≤t<60	30	
60≤t<90	19	
90≤t<120	11	

a) Find the modal interval.

(1 mark)

b) Find an estimate for the mean.

(4 marks)

c) What fraction of students watched less than an hour worth of TV?

(2 marks)



8. The speed of 80 cars on a racetrack was measured in mph.

The table below shows the data.

Speed (mph)	Frequency
0≤t<30	8
30≤t<50	23
50≤t<70	22
70≤t<100	27

a) Find the median interval.

(2 marks)

b) Find an estimate for the mean.

(3 marks)

c) What fraction of cars drove less than 50mph?

(2 marks)



9. The speed of 60 vehicles was measured on a road.

Speed (mph)	Frequency
0≤t<30	8
30≤t<50	23
50≤t<70	22
70≤t<100	27

a) Find the median interval.

(2 marks)

b) Find an estimate for the mean.

(3 marks)

c) What fraction of cars drove less than 50mph?

(2 marks)