

Mean from a table

1. The table below shows the amount of goals scored in a school football league.

Goals	Frequency	
0	12	
1	14	
2	11	
3	6	
4	2	

Calculate the mean.

(3 marks)

2. The table below shows the amount of pet's class 11B has.

Pets	Frequency	
0	3	
1	8	
2	10	
3	7	
4	3	

Calculate the mean.

(3 marks)

Mean from a table

3. The table below shows the shoe sizes of 30 girls in year 11.

Shoe size	Frequency	
3	2	
4	8	
5	10	
6	6	
7	3	
8	1	

Calculate the mean.

(3 marks)

4. The table below how many siblings a group of students has.

Siblings	Frequency
0	12
1	16
2	15
3	9
4	4

Calculate the mean.

(3 marks)

Mean from a table

5. The table below shows the amount of goals scored at 60 hockey matches.

Goals	Frequency
0	7
1	14
2	18
3	12
4	9

Calculate the mean.

(4 marks)

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

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

Find an estimate for the mean.

Mean from a table

(4 marks)

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

Time (minutes)	Frequency		
$0 \leq t < 20$	12		
$20 \leq t < 40$	28		
$40 \leq t < 60$	30		
$60 \leq t < 90$	19		
$90 \leq t < 120$	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)

Mean from a table

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

The table below shows the data.

Speed (mph)	Frequency
$0 \leq t < 30$	8
$30 \leq t < 50$	23
$50 \leq t < 70$	22
$70 \leq t < 100$	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)

Mean from a table

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

Speed (mph)	Frequency
$0 \leq t < 30$	8
$30 \leq t < 50$	23
$50 \leq t < 70$	22
$70 \leq t < 100$	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)