2.74

6

45

1.6

15

28

140

46

Using data set 5, find, to 3 s.f., the mean number of hours travelling by train per week

Using data set 3, find how many people visited the supermarket more than 3 times

Using data set 2, find the number of males from town A who were over 85 kg

A histogram is drawn up of data set 5. Calculate the frequency density for the interval $5 < t \leq 10$

Using data set 2, find the number of males from town B who were under 85 kg

Using data set 6, calculate the frequency for the interval $5 < t \leq 10$

A histogram is drawn up of data set 5. Calculate the frequency density for the interval $35 < t \leq 60$

Using data set 1, find the IQR of the ages

Using data set 2, find the median weight, in kg, of the men from town B

Using data set 2, find the range of the weights, in kg, of the men from town A

Using data set 2, find the range of the weights, in kg, of the men from town B

23:3

59

40

7

24.6

12

63

6

14

47

23

Using data set 4, find, to 3 s.f., the mean number of minutes taken to complete a frame of snooker

Using data set 2, find the number of males from town A

Using data set 3, find the mode number of visits

Using data set 1, find the mode of the ages

Using data set 1, find the range of the ages

Using data set 6, calculate the frequency for the interval $10 < t \leq 20$

Using data set 1, find the median age

Using data set 6, calculate how many lengths were less than 20m

Using data set 2, find the median weight, in kg, of the men from town A

90

87

4

205

26

97

25

3.2

30

3

2

27

Using data set 1, find how many people attended the party

Using data set 1, find how many people were over 50

Using data set 6, calculate the frequency for the interval 35 < t ≤50

A histogram is drawn up of data set 5. Calculate the frequency density for the interval $0 < t \leq 5$

Using data set 6, calculate the frequency for the interval $20 < t \leq 35$

Using data set 3, find the mean number of visits, correct to 3 significant figures

A histogram is drawn up of data set 5. Calculate the frequency density for the interval $20 < t \leq 35$

Using data set 4, find the number of frames of snooker in the tournament

Using data set 3, find the median number of visits

Using data set 6, calculate how many lengths were more than 20m

GCSE Higher Level Data 1   Extra information

Data set 1

The stem and leaf diagram shows the ages of people at a party.

1	3	4	8	8	9			
2	0	1	2	2	4	6	6	6	8
3	1	1	2	2				
4	2	3	6					
5	1	8	9					
6	5	9						
7	6							

Key: 1 │ 3   = 13 years

Data set 2

The stem and leaf diagram shows the weights of two groups of male 20 year olds, from towns A and B.

		5 1 0 0	6	2 2 3 4		
		6 4 2	7	1 7 8 9		
Town A	7 7 6 5 1	8	0 4 4 4 6	Town B
	9 8 7 4 0	9	0 2 3 5 5 9	
	6 4 2 2 2 1	10	2 3 3 4 6 6 7 9	

Key: 7 │ 5   = 75 kg

Data set 3

A group of people were asked the question: "How many times did you shop at the supermarket last week?" Their responses are summarised in the table:

Number of visits	frequency
0	1
1	3
2	7
3	5
4	4
5	3

Data set 4

The time it took to complete a frame of snooker at a tournament was recorded as follows:

Time taken (minutes)	frequency
0 < t ≤ 10	10
10 < t ≤ 20	18
20 < t ≤ 30	17
30 < t ≤ 60	14

Data set 5

A group of people took part in a survey to find out how many hours per week they spend travelling by train.

Hours per week	frequency
0 < t ≤ 5	45
5 < t ≤ 10	20
10 < t ≤ 20	60
20 < t ≤ 35	24
35 < t ≤ 60	80

Data set 6