

S012 Collecting data

Q1.

Lin is carrying out a survey at a leisure centre.

She wants to collect information so she can find out the most popular sporting activity.

Design a suitable table for a data collection sheet Lin can use.

(Total for question = 3 marks)

Q2.

Ryan is the manager of a shopping centre.

He wants to find out the method of transport people use to get to the shopping centre.

Design a suitable table for a data collection sheet he could use.

(Total for question = 3 marks)

Q3.

Zuber wants to find out the colours of cars in a car park.

Design a suitable table for a data collection sheet he could use.

(Total for Question is 3 marks)

Q4.

Rina wants to find the heights of the students in her year group.

Design a suitable table for a data collection sheet that she could use to collect this information.

(Total for Question is 3 marks)

Q5.

Here is a list of all the coins in Amira's purse.

£1	5p	20p	1p
20p	1p	10p	£1
20p	10p	£1	20p
10p	20p	20p	5p

Complete the table for this information.

Coin	Tally	Frequency
£1		
50p		
20p		
10p		
5p		
2p		
1p		

(Total for Question is 2 marks)

Q6.

Connor asks 20 people how they usually travel to their judo club.

Here are his results.

walk bus walk bike car bus bus car walk walk
car bus bus car bike walk bike car bus car

(a) Complete the frequency table.

Method of travel	Tally	Frequency
car		
car		
walk		
bike		

(2)

(b) Write down the mode.

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(1)

(Total for Question is 3 marks)