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# Collecting data & two-way tables

- 1 Jenny would like to know people's opinions about her local swimming pool. She designs the following questionnaire:

<b>Question 1</b>	How often do you go swimming? Never <input type="checkbox"/> , occasionally <input type="checkbox"/> , frequently <input type="checkbox"/>
<b>Question 2</b>	Do you agree that the swimming pool is good value for money? Yes <input type="checkbox"/> , no <input type="checkbox"/>
<b>Question 3</b>	How much do you earn per year? £9999 or less <input type="checkbox"/> , £10 000 to £19 999 <input type="checkbox"/> , £20 000 to £29 999 <input type="checkbox"/> , £30 000 or more <input type="checkbox"/>

Jenny's teacher says that all of her questions need changing.

a State a fault for each question.

Jenny intends to conduct her survey outside the swimming pool on a Monday morning.

b Give two reasons why this is unsuitable.

- 2 Explain the difference between primary and secondary data.
- 3 For each part of question 6 on the previous page (page 48) state whether the data is discrete or continuous.
- 4 Complete the two-way table that shows the number of MP3 and MP4 players owned by a group of friends.

	MP3	MP4	Total
Boys own	15		
Girls own		3	
Total	32		41

- 5 Complete the two-way table that shows the colours and brands (Trek or Giant) of some racing bikes in a cycle shop.

	Red	Blue	Silver	Total
Trek	3			9
Giant		6	4	
Total	8		6	