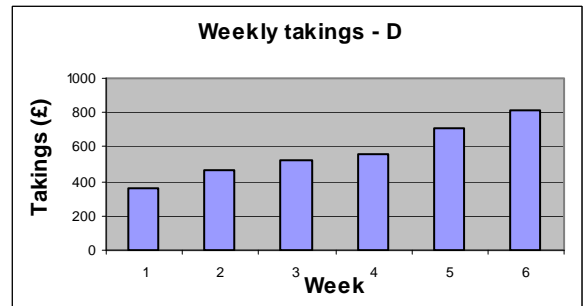
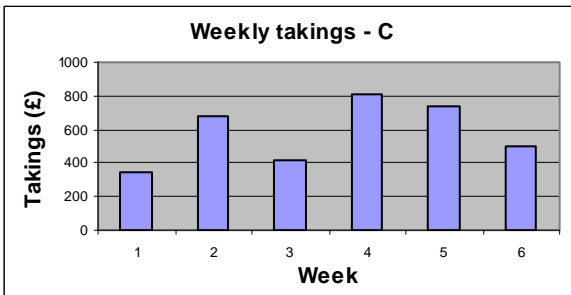
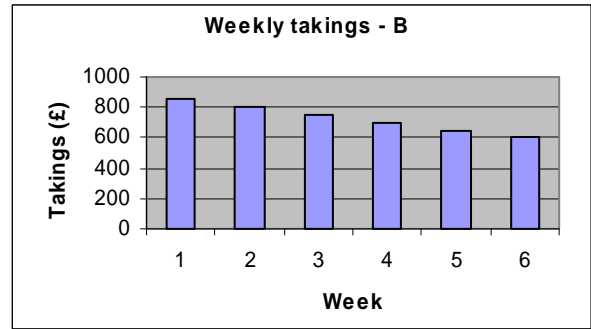
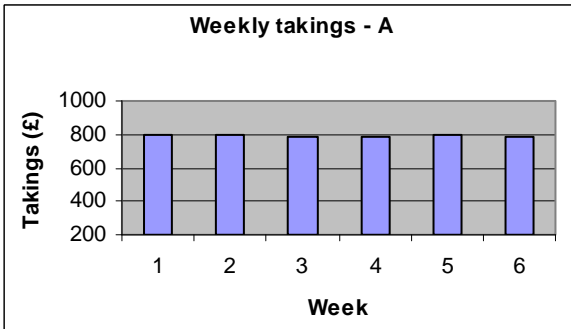


Summarising what charts show

Q 1. In a tourist attraction, the different kiosks keep track of their takings over the six-week summer period. The bar charts below show the takings for each kiosk over the six weeks:

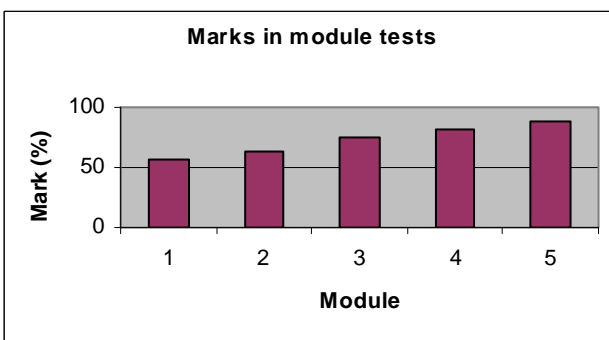


Match each of the following sentences to the right chart

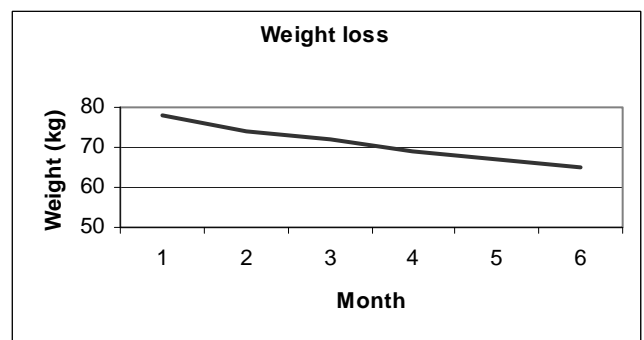
- 1 The takings increased steadily over the six weeks.
- 2 The takings decreased slightly over the six weeks.
- 3 The takings over the six weeks were very variable from week to week.
- 4 The takings stayed more or less constant over the six-week period.

2. Write your own summary to describe what each of these charts show:

Q 2(a) Tim's mark in his first year module tests



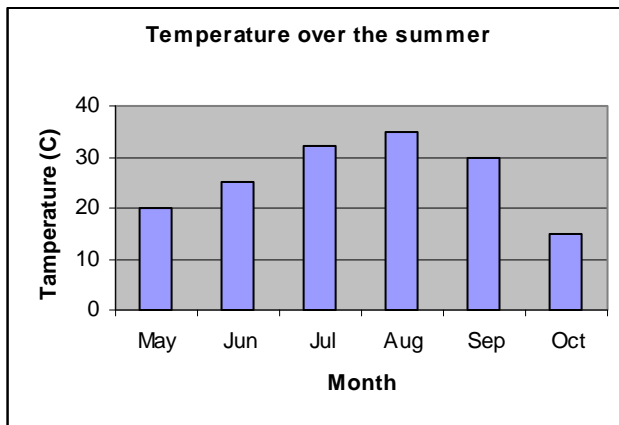
Q 2(b) Sally's diet chart



3. For each of these charts, decide which of the statements given is NOT true:

Q

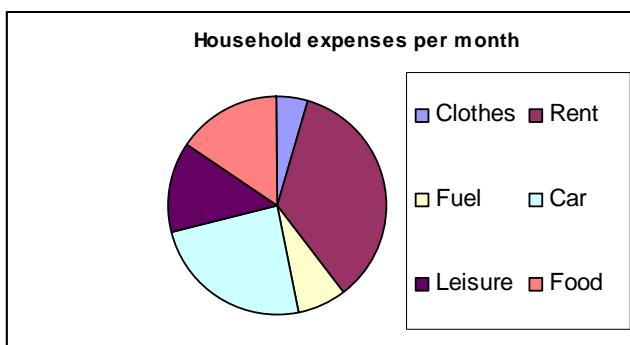
3(a)



- (a) The temperature was hottest in July and August.
- (b) The temperature was coldest in October.
- (c) June was hotter than May.
- (d) The temperature in September was the same as the temperature in July.

Q

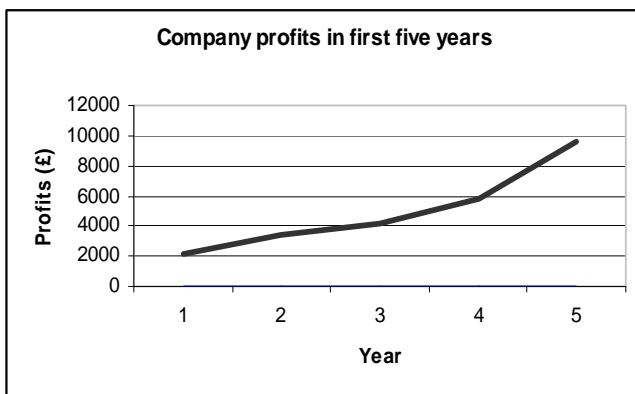
3(b)



- (a) The family's leisure expenses were more than their food expenses.
- (b) The family spent least on clothes
- (c) The family spent about a quarter of their expenditure on car related costs.
- (d) The family spent most on rent.

Q

3(c)



- (a) The company profits increased over the first five years.
- (b) The profits rose by roughly the same amount each year.
- (c) The company profits more than doubled over the five years.
- (d) The profits were nearly £10,000 in year 5.

Q

4. Think about roughly what shape the charts will be that show each of these:

- 4(a) The number of club members at a tennis club gradually increased between 2000 and 2007.
- 4(b) The number of products made in a new factory rose slowly at first and then increased more quickly after the first three months.
- 4(c) House prices in a town remained constant for the first half of the year but fell slightly in the second half.
- 4(d) School attendance was good in the autumn and spring terms but dropped noticeably in the summer term.

Draw a sketch for each, label the axes and give it a title.

You won't be able to put in numbers as you don't have any data.

Tables, charts and graphs – Answer sheet

Q 1. The sentences match best to the following charts:

Sentence 1	Chart D	Sentence 3	Chart C
Sentence 2	Chart B	Sentence 4	Chart A

Q 2. You may have written something like these summaries:

2(a) Tim's module tests improved over the year.

2(b) Sue lost weight steadily over the six months.

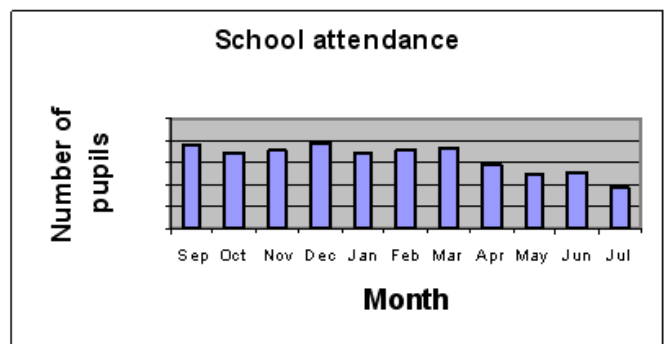
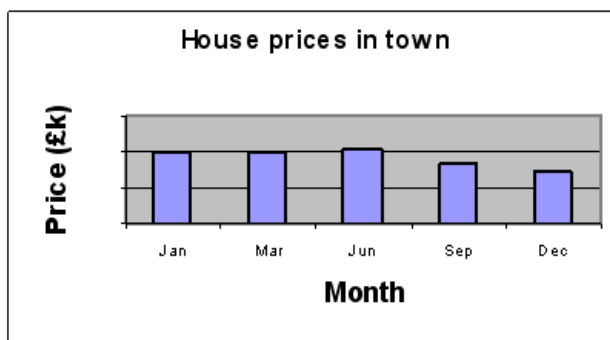
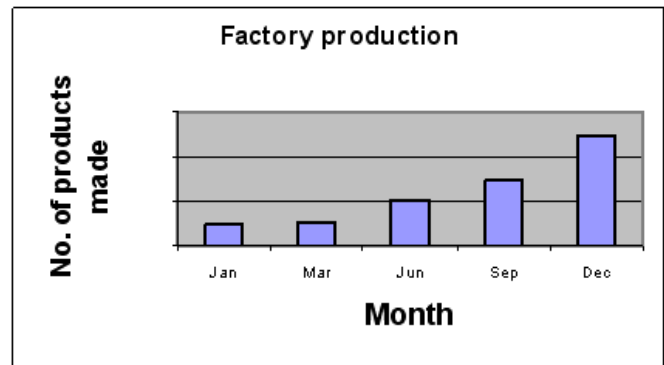
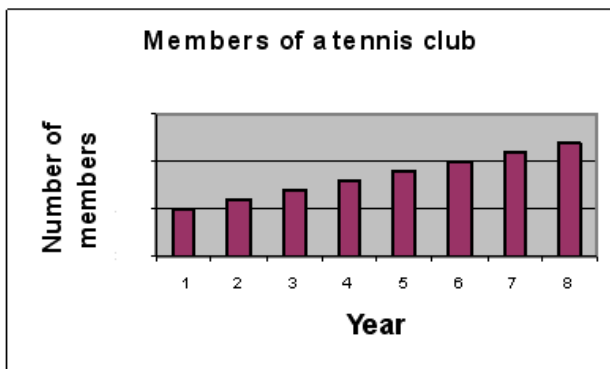
3. The following are the statements that are NOT true:

Q 3(a) Statement (d) is not true. The temperature in September was *lower than* the temperature in July.

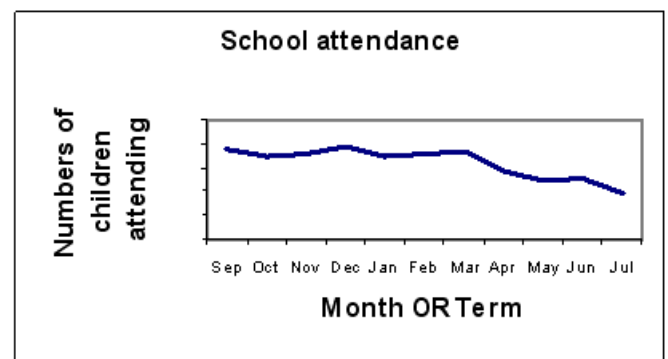
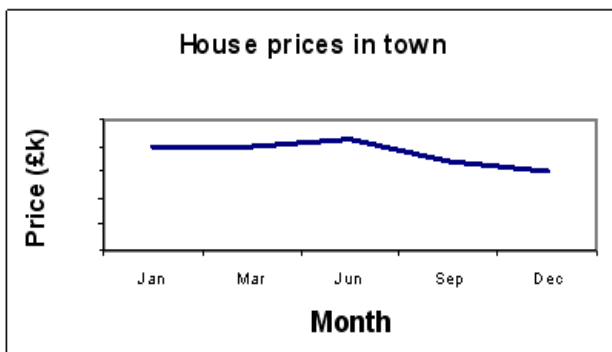
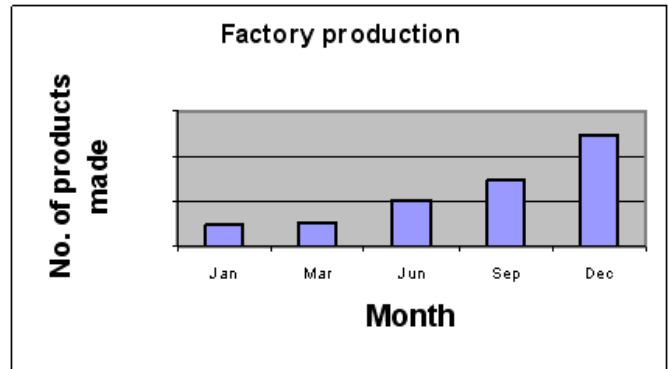
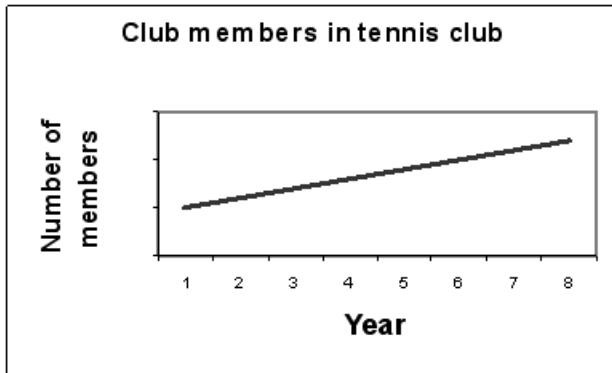
Q 3(b) Statement (a) is not true. The family's leisure expenses were *less than* their food expenses.

Q 3(c) Statement (b) is not true. The profits rose *by more in years 4 and 5*.

Q 4. The charts that you have sketched might look something like this:



If you represent these items as graphs rather than bar charts, they would roughly be these shapes:



Note: The answers that you got may be slightly different for sections 2 and 4 as there is not one right answer.

Is there anyone you can share your thinking with and/or run your answers by?