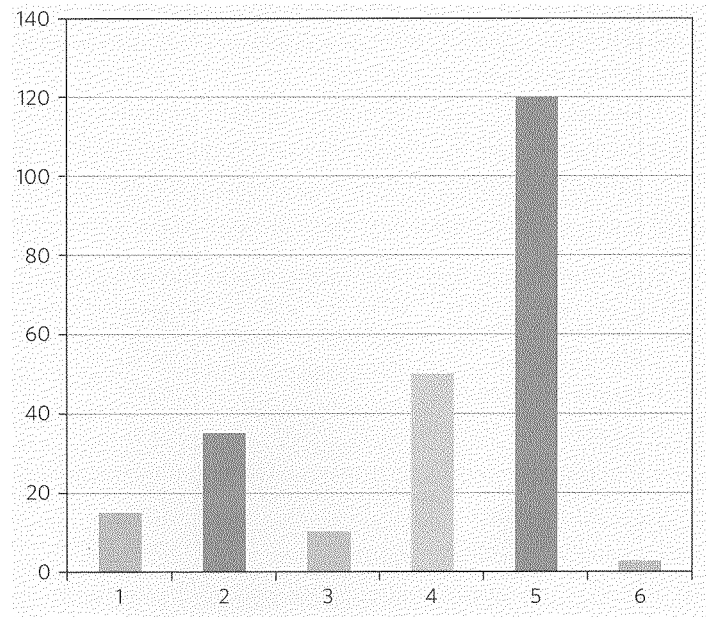


Portfolio Task 9.1

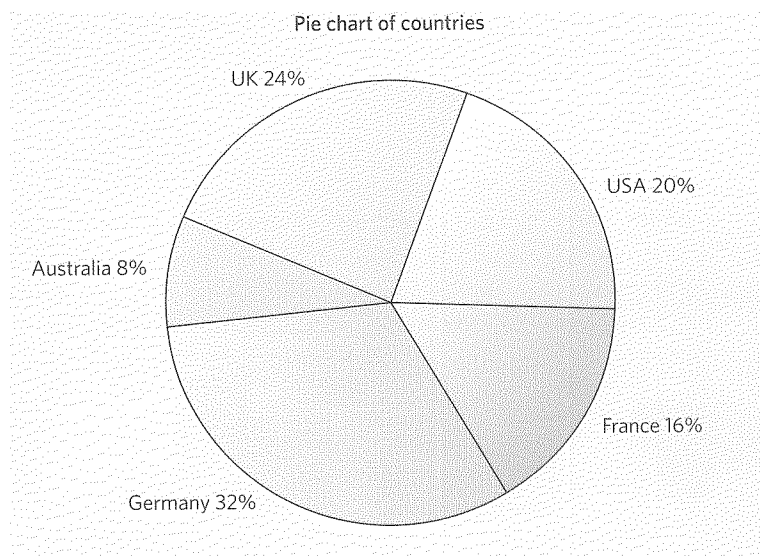
Look at this column graph:



Write down three different sets of data that the graph could be illustrating. You can define for yourself what the numbers 1–6 along the x axis (the bottom) stand for. If you work with friends on this describe how you decided on your answers.

Portfolio task 9.2

Examine this pie chart. Write down three different sets of data that it could represent. Choose one of your sets of data and write a short paragraph analysing the data. This question is deliberately open as it exemplifies how data can be interpreted in many different ways.



Portfolio task 9.3

Look at the shape sorting task and the number sorting activity from earlier in chapter 9. Carry out the tasks and then find ways of sorting the shapes using Venn diagrams. What are the advantages of using a Carroll diagram for sorting? What are the advantages of using a Venn diagram for sorting?

Portfolio task 9.4

Find a chart or graph from a newspaper or magazine which illustrates data that you are interested in. Write down your own analysis of the data, try to decide when you are 'reading the data', 'reading between the data' and 'reading beyond the data'.

Portfolio task 9.5

Try and find:

1. Six numbers with a mean of 6
2. Eight numbers with a median of 4
3. Ten numbers with a mode of 7.2