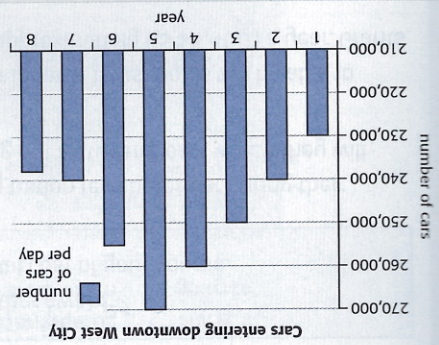


## Exercises

**27.1** Look at the chart. Complete the commentary with words from the opposite page.

The chart \_\_\_\_\_ the number of cars entering the downtown area of West City each day over an eight-year period (years 1–8). The totals are listed on the \_\_\_\_\_ axis (give two answers), while the years are listed on the \_\_\_\_\_ axis (give two answers). To the right of the graph we see the \_\_\_\_\_ . The number of cars \_\_\_\_\_ over the period. The total rose in the first few years and \_\_\_\_\_ a \_\_\_\_\_ in year 5, after which the numbers started to \_\_\_\_\_ . This can be \_\_\_\_\_ by the \_\_\_\_\_ that a new mass transit railway was opened in year 6, which is a \_\_\_\_\_ illustration of how good public transport can dramatically affect car use.



**27.2** Answer the questions.

- 1 Draw examples of a pie chart and a bar chart.
- 2 What would be the best type of diagram to present the different layers of rock in the Grand Canyon?
- 3 In a table, what is the difference between columns and rows?
- 4 What would be the best type of diagram to present the different stages in a research project you did?
- 5 How many segments are there in the pie chart opposite?
- 6 If you look at two adjacent columns in a table, are they next to each other or separated?
- 7 What is another name for a legend in a diagram?
- 8 What type of data collection are you doing if you survey the first 50 people you come across?
- 9 What do two lines on a graph do if (a) they intersect and (b) they run parallel to each other?

**27.3**

Make the rather informal words in bold more precise and academic.

- 1 The different bits of the pie chart show the numbers of people in each age group.
- 2 She kept a record by **marking** the midday temperature on a graph for a month.
- 3 People's salaries usually reach their **highest point** when they are in their late 40s.
- 3 This flowchart shows the different **bits** of our project over the next five years.
- 5 The two lines on the graph **cross each other** at point A.
- 6 Draw a line connecting the points that are **next** to each other.
- 7 The government's popularity in the opinion polls is **beginning to fall**.
- 8 If you look along the top line of the table you can see the figures for the 1950s.

**27.4**

Change the sentences using words with the same meanings as the words in bold.

- 1 Populations of some bird species in South Asia have **crashed** by 97% in recent years.
- 1 The number of cases of death by poisoning has **increased sharply**.
- 2 In 2007 the child mortality rate was **lower** than 60 deaths per 1,000.
- 3 The average family car in the UK **goes down** in value by 20% per year. This means its value has **fallen** by more than half after just three years.
- 4 A typical piece of land on the edge of the city will **go up** in value by 15% per year, and house prices have **gone up rapidly** in the last six months.
- 5 Business courses have **increased greatly** in number while science programmes have **gone down**.
- 6 The temperature was **higher** than 45°C in some parts of the country during the heatwave.
- 7 Between 1983 and 2006, the number of this species of condor **went up** from 22 pairs to 273. Other bird populations have **gone up** by two times in the same period.
- 8 The numbers of old soldiers attending regimental reunions are **becoming smaller** each year.

\* large birds from South America