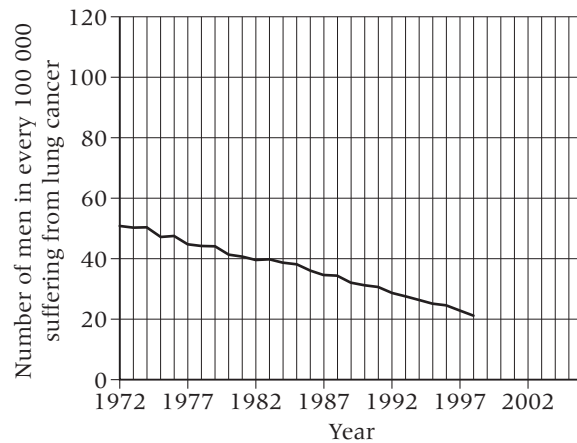
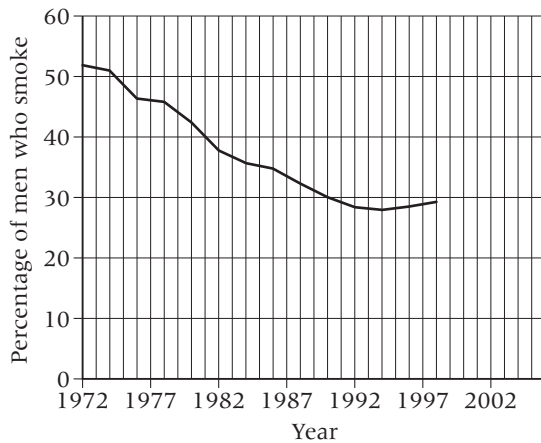


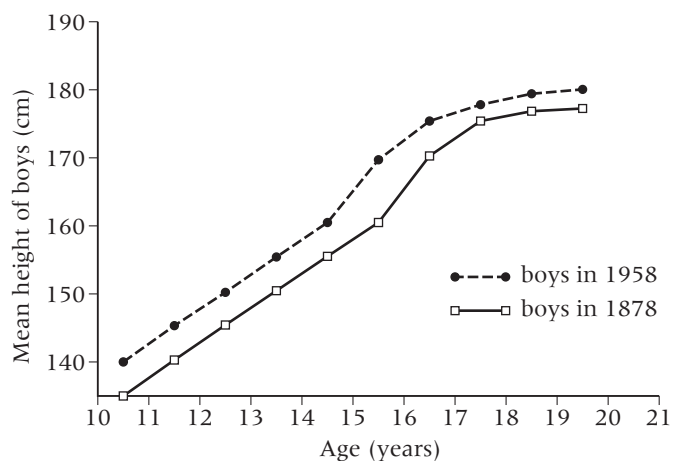
Environmental variations

- 1** Smoke from cigarettes is an environmental factor. Look at these two graphs and then answer the questions.



- Name one environmental variation that cigarette smoke can cause.
 - Explain why the number of cases of lung cancer in men has fallen over the last few decades.
 - What percentage of men smoked in 1981?
 - If there were 20 million men in the UK in 1981, how many were smokers?
 - Estimate what percentage of men will be smokers in 2006. Explain your working.
- 2** Look at this graph and answer the questions.

- In which year of the boys' lives was growth most rapid in **i)** 1878 and **ii)** 1958?
 - How can you explain the greater height and earlier growth of the 1958 boys?
- 3** The mean length of life for somebody living in the United Kingdom is 77.1 years. This is called the 'life expectancy'. In Ethiopia, in Africa, the life expectancy is 50.6 years.



- What do we mean by 'life expectancy'?
- How would you work out the life expectancy for the people in a country?
- Explain why the life expectancies in the UK and Ethiopia are different.

Knowledge, considering