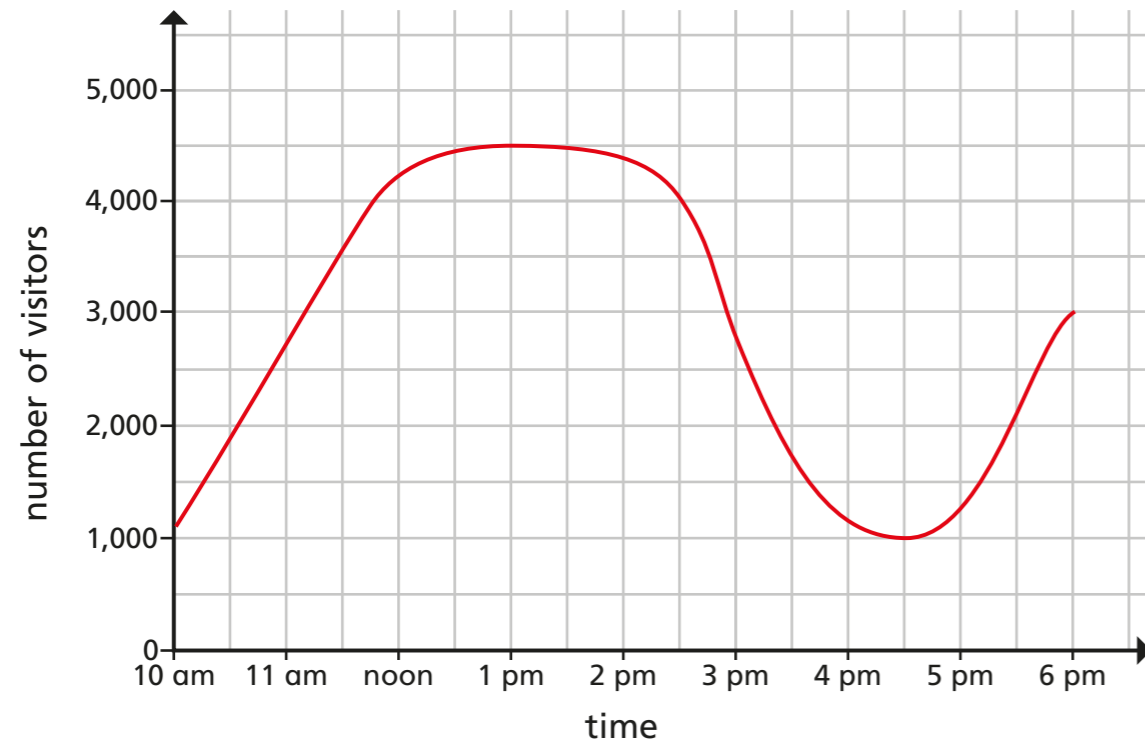


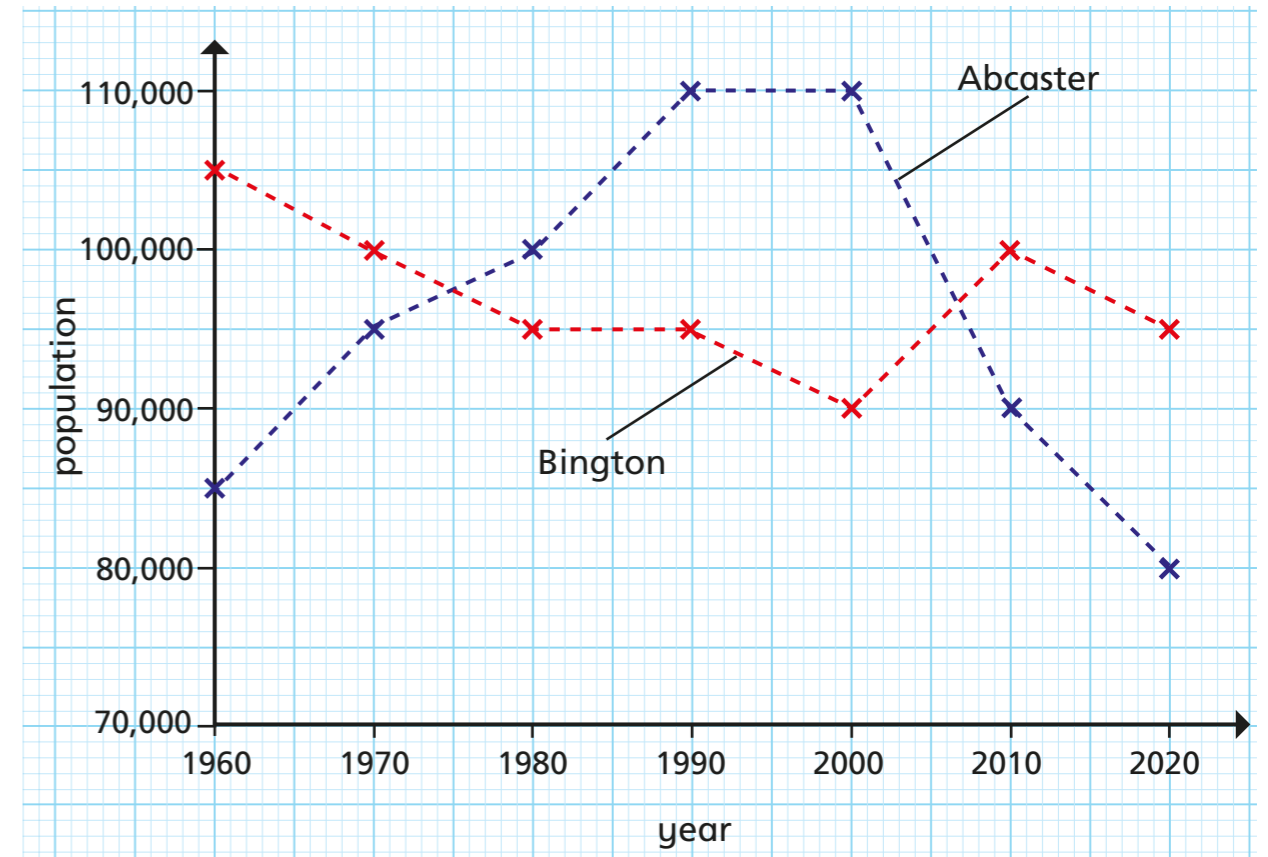
Use line graphs to solve problems

- 1 The graph shows the number of visitors to a shopping centre during one day.



- a) At what time was the greatest number of visitors at the shopping centre? _____
- b) What was the difference between the number of visitors at noon and 3 pm?
- c) For how long were there 4,000 or more visitors at the shopping centre? _____
- d) Approximately how many visitors were at the shopping centre at 2 pm?

- 2 The graph compares the populations of two towns between 1960 and 2020



- a) How often was the population recorded?

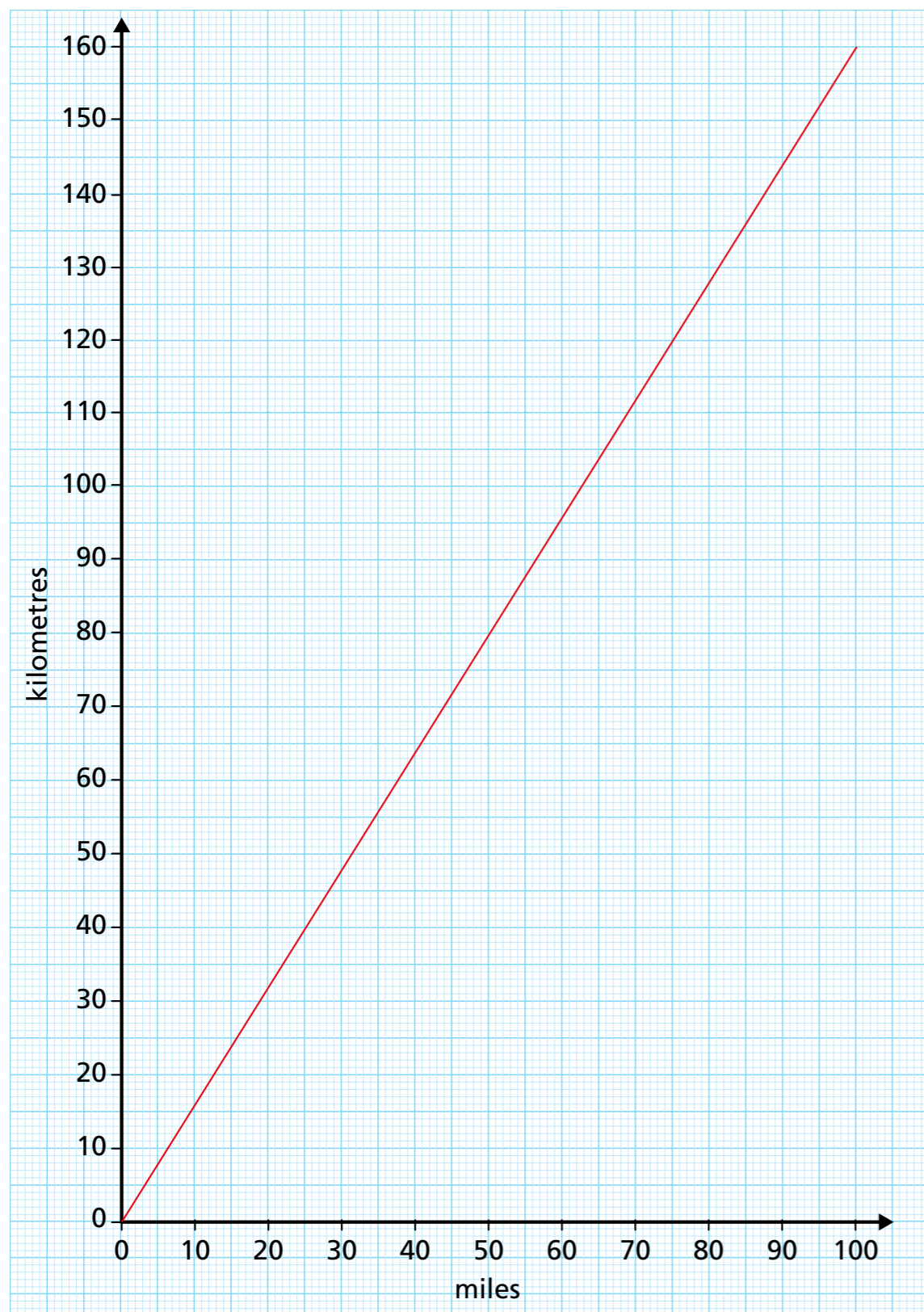
- b) Estimate which town had the greater population in 1974.

- c) Estimate the two years in which the populations were the same in both towns.

- Talk to a partner about the accuracy of your answers.
- d) In which years was the difference between the populations greatest?



3 The graph shows the conversion between miles and kilometres.



a) How many kilometres are there in 45 miles?

 km

b) How many miles are there in 128 kilometres?

 miles

c) Mo and Eva want to know how far 240 miles is in kilometres.

Who will find the correct answer? _____

Explain why.

Convert 240 miles to kilometres.

 km

d) A coach driver can drive a maximum of 400 miles in one day.

A coach driver is driving from Birmingham to Paris.

He gets a ferry from Dover in England to Calais in France.

In Dover he sees a sign.



In Calais he sees a sign.



Is the coach driver allowed to drive from Birmingham to Paris in one day?

Talk about your reasons with a partner.