you do

You have **10** minutes to complete your graph from yesterday.

The table shows the amount of water in 2 tanks during a day.

Time	Water in tank 1 (litres)	Water in tank 2 (litres)
6:00 pm	3,000	2,500
9:00 pm	3,500	3,100
midnight	4,250	4,000
3:00 am	5,500	5,100
6:00 am	6,000	5,800
9:00 am	2,000	3,100
noon	2,250	2,500
3:00 pm	2,750	2,900

Draw a line graph to represent the information.

DRAW LINE GRAPHS

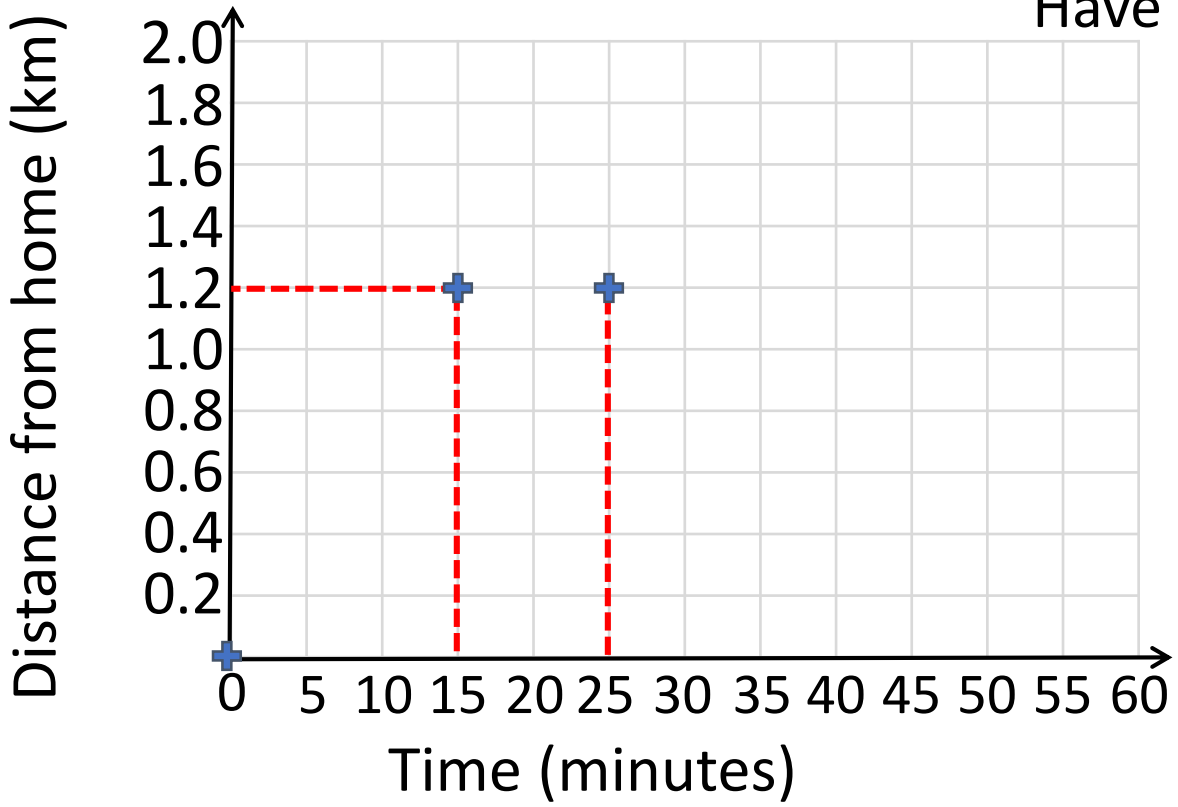
White Rose Maths

Whitney leaves her home and starts walking at a steady pace.

After 15 minutes, Whitney has walked 1,200 metres.

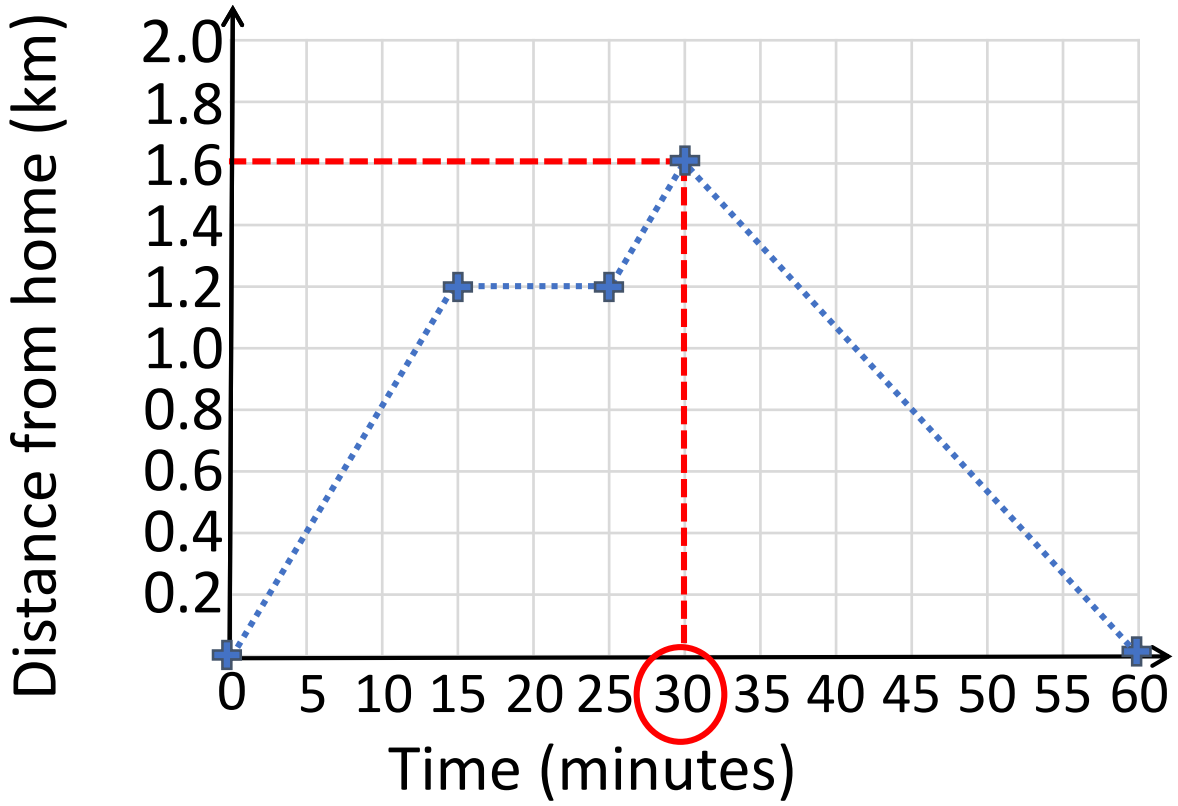
Whitney sees her friend Ron and they stand and talk for 10 minutes.

Have a think



Whitney continues to walk for another 0.4 kilometres.
This takes her 5 minutes.

For the next 30 minutes Whitney is walking at a steady pace back home.



$1.2 + 0.4$

YOUR TURN

Complete the hot air balloon question.

The height of a hot air balloon is recorded over 60 minutes.

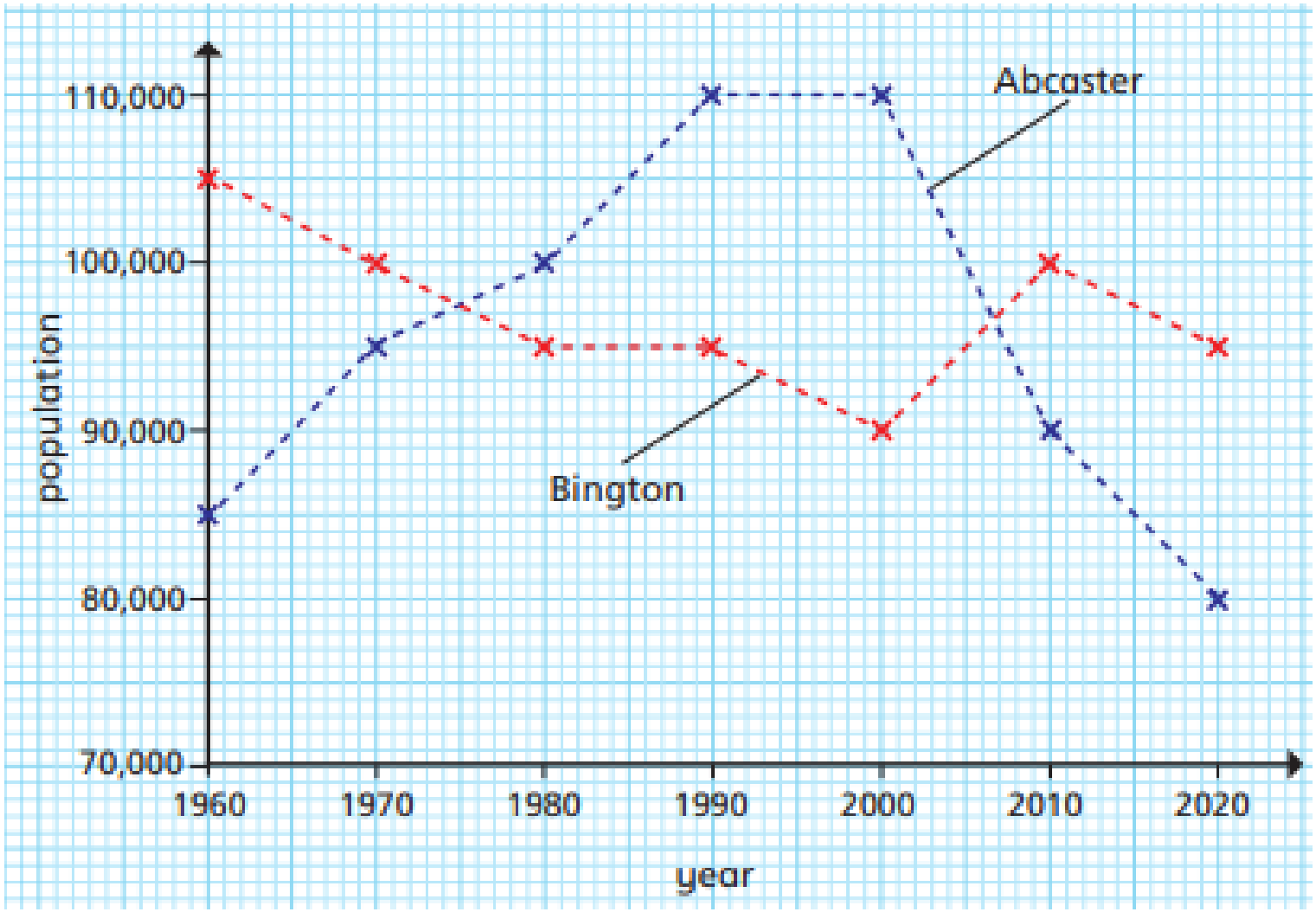
- The hot air balloon starts from the ground at 0 minutes and rises at a steady rate.
- After 15 minutes the hot air balloon is 500 m above the ground.
- It stays at this height for 10 minutes.
- The hot air balloon then gradually rises to 750 m over the next 15 minutes.
- It stays at this height for 10 minutes.
- For the remainder of the time, the hot air balloon gradually returns to the ground.

Draw the graph of the hot air balloon's journey.



White Rose Maths

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?

Pink Highlighter ready…….let's mark!

a) How often was the population recorded?

Every 10 years

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

Bington

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

1975 and 2007

Talk to a partner about the accuracy of your answers.

d) In which years was the difference between the populations greatest?

1960 and 2000