



Select True or False.

- |                                                                     | True / False                                      |
|---------------------------------------------------------------------|---------------------------------------------------|
| 1 Alan's very bad at maths.                                         | <input type="checkbox"/> <input type="checkbox"/> |
| 2 Alan loves doing puzzles and codes.                               | <input type="checkbox"/> <input type="checkbox"/> |
| 3 At secondary school, Alan works hard at all subjects.             | <input type="checkbox"/> <input type="checkbox"/> |
| 4 Alan studies English at Oxford University.                        | <input type="checkbox"/> <input type="checkbox"/> |
| 5 The 'Turing machine' is a way of calculating numbers.             | <input type="checkbox"/> <input type="checkbox"/> |
| 6 Alan develops one of the first computers at Cambridge University. | <input type="checkbox"/> <input type="checkbox"/> |

Read the story and select the correct answer.

It is 1912. Alan Turing is born in London. As a young child, Alan learns to read in three weeks and he loves numbers.



- 1 What does Alan do in three weeks?
- ☐ Alan learns to read.
- ☐ Alan learns to write.

When Alan is six years old, he starts primary school. He's very good at maths. He also loves doing puzzles and secret codes.



- 2 What does Alan love doing?
- ☐ He loves doing puzzles and homework.
- ☐ He loves doing puzzles and secret codes.

One day on a picnic with his family, Alan uses maths to calculate the flight path of some bees. The bees lead Alan and his family to the honey.



- 3 What does Alan use maths to calculate?
- ☐ He uses maths to calculate the flight path of some bees.
- ☐ He uses maths to calculate the flight path of some flies.

When Alan is thirteen, he starts secondary school. He's very good at science and maths. But the teachers aren't always happy.



- 4 How old is Alan when he starts secondary school?
- ☐ He's fourteen.
- ☐ He's thirteen.

When Alan leaves school, he studies maths at Cambridge University. He develops a way of calculating numbers. It's called the 'Turing machine'.



- 5 What does Alan study at university?
- ☐ He studies maths.
- ☐ He studies science.

After university, Alan works at Bletchley Park, a big house in the countryside. He works with a team of people to crack the famous secret code, Enigma.



- 6 Where does Alan work after university?
- ☐ He works at Bletchley Park.
- ☐ He works at Cambridge University.

One day, Alan suddenly has an idea. It helps the team to crack the Enigma code.



- 7 What's the name of the code Alan helps to crack?
- ☐ It's called the Intelligence code.
- ☐ It's called the Enigma code.

Later, Alan develops one of the first computers at Manchester University. He also works on 'artificial intelligence' and secret codes.



- 8 What does Alan develop at Manchester University?
- ☐ He develops one of the first computers.
- ☐ He develops one of the first laptops.

Alan Turing's work on computer science, secret codes and artificial intelligence is important for electronic gadgets that we use today, like laptops and tablets. What a brilliant achievement for a boy who loves puzzles and secret codes at school!



- 9 What is Alan's work important for today?
- ☐ His work is still important for solving maths problems.
- ☐ His work is still important for electronic gadgets that we use today.

Do you enjoy secret codes like Alan Turing? Can you work out the message? Look and write.

YA DOTE SUEW TAHT STEG DAGC INOR  
TCEL EROF TNAT ROPM ISIS EDOC TERC  
ESDN AECN EICS RETU PMOC NOKR  
OWS'G NIRU TNAL A

Alan

Read and select.

- The story is
- The story is about a famous
- At school, Alan Turing is very good at
- At university, Alan studies
- After university, Alan works on
- Today he is called the father of