8 DNA

LABEL

Label the description with the correct information.

23 pairs in the human body	
60 per cent of DNA shared with	
50 per cent of our DNA shared with	
Friedrich Miescher studied	
DNA inherited from both of our	
used by forensic scientists	

Label the description with the correct information.

person who provided x-ray data	
Swiss doctor	
won the Nobel Prize for Medicine	
siblings may have	
have the same DNA	
forensic scientists investigate	

Label the description with the correct information.

year in which DNA structure discovered	
year Nobel Prize in Medicine awarded	
DNA tests can be carried out at	
DNA test kits can be bought from	
98 per cent of DNA shared with	
DNA contains instructions for	

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TRUE OR FALSE

Read the sentences. Put a tick in the correct box to show which sentences are *true* and which are *false*.

DNA stands for deoxyribonucleic acid.	True ☐ False ☐
DNA is made up of five chemical 'bases'.	True ☐ False ☐
DNA gives instructions to cells.	True ☐ False ☐
Each human body contains 24 pairs of chromosomes in each cell.	True ☐ False ☐
Siblings may have similar features.	True ☐ False ☐
Identical twins share the same genetic code.	True ☐ False ☐
We share up to 98 per cent of our DNA with chimpanzees.	True ☐ False ☐
The vast majority of our DNA is the same as other animals.	True ☐ False ☐
We now know everything there is to know about DNA.	True ☐ False ☐
DNA was discovered in 1954.	True ☐ False ☐
Rosalind Franklin provided x-ray data.	True ☐ False ☐
DNA contains three strands which are coiled to make a triple helix.	True ☐ False ☐
Watson, Crick and Wilkins received the Nobel Prize in 1953.	True ☐ False ☐
You can discover more about where your ancestors may have originated using DNA.	True ☐ False ☐