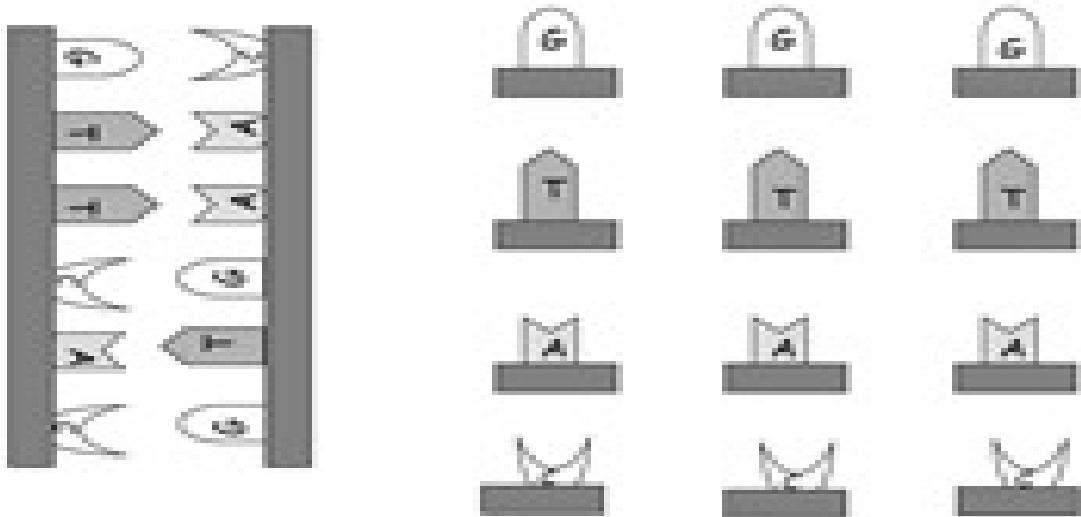


## DNA REPLICATION

This is a model of part of a double strand of DNA. You are going to build a second strand of DNA by adding the correct bases to each strand of the original DNA molecule.



1. Cut out the two strands of DNA.
2. Cut out and arrange the new bases on the original strands.
3. Stick in place when you have the correct order.

## QUESTIONS

1. What do you notice about the two new DNA strands compared to the original?
2. Why is this important?
3. What would happen if the DNA strands were not copied correctly?
4. Things that cause the DNA sequence to be changed are called mutagens. Can you name two mutagens?