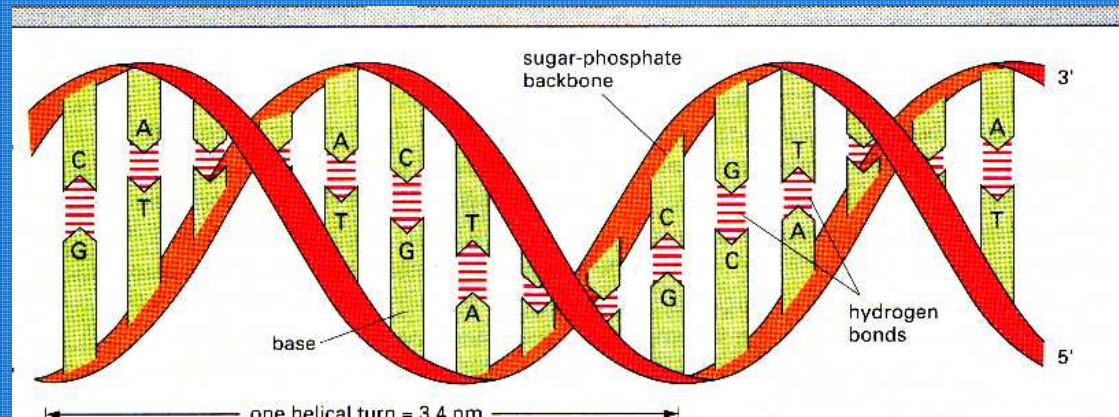
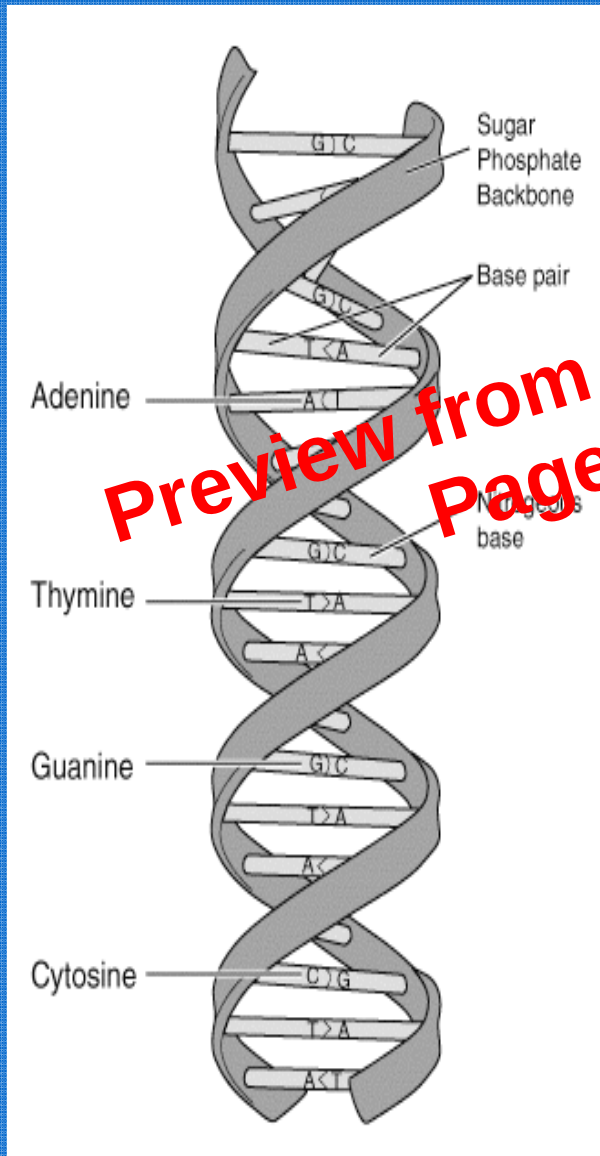


## DNA double helix:

The two strands of DNA wind around each other forming double helix which stabilize DNA.

Also abundance of hydrogen bonds between base help to stabilize DNA.



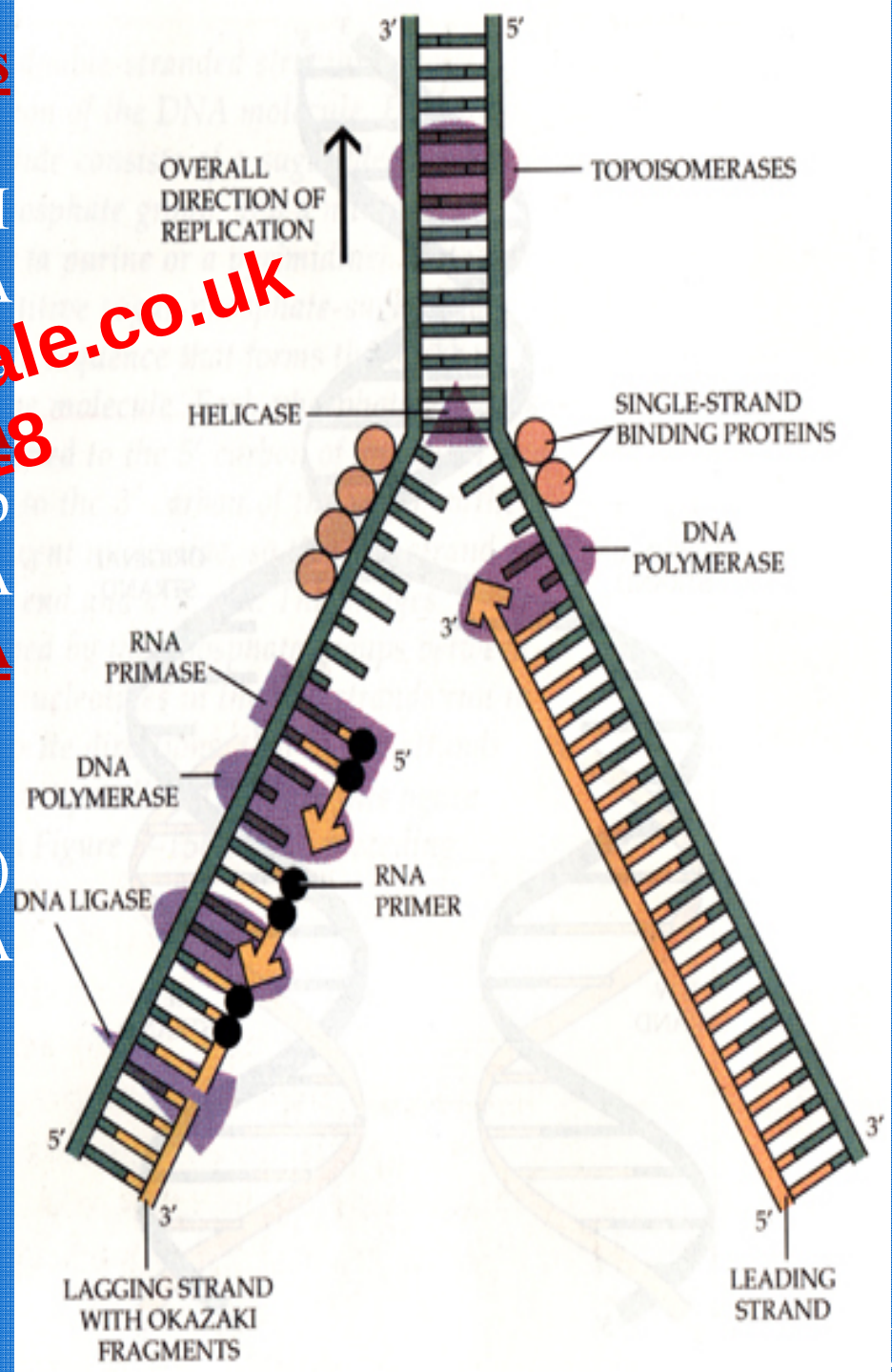
Watson and Crick model



#### 4- Removal of RNA primers by DNA polymerase I:

When DNA polymerase III finishes synthesis of new DNA on lagging strand, RNA primers are removed by DNA polymerase I and the gap produced is filled by DNA synthesized by also DNA polymerase I.

5- DNA ligase: Connect (ligase) the newly synthesized DNA (Oazaki fragments) together





# A SUMMARY OF DNA REPLICATION

