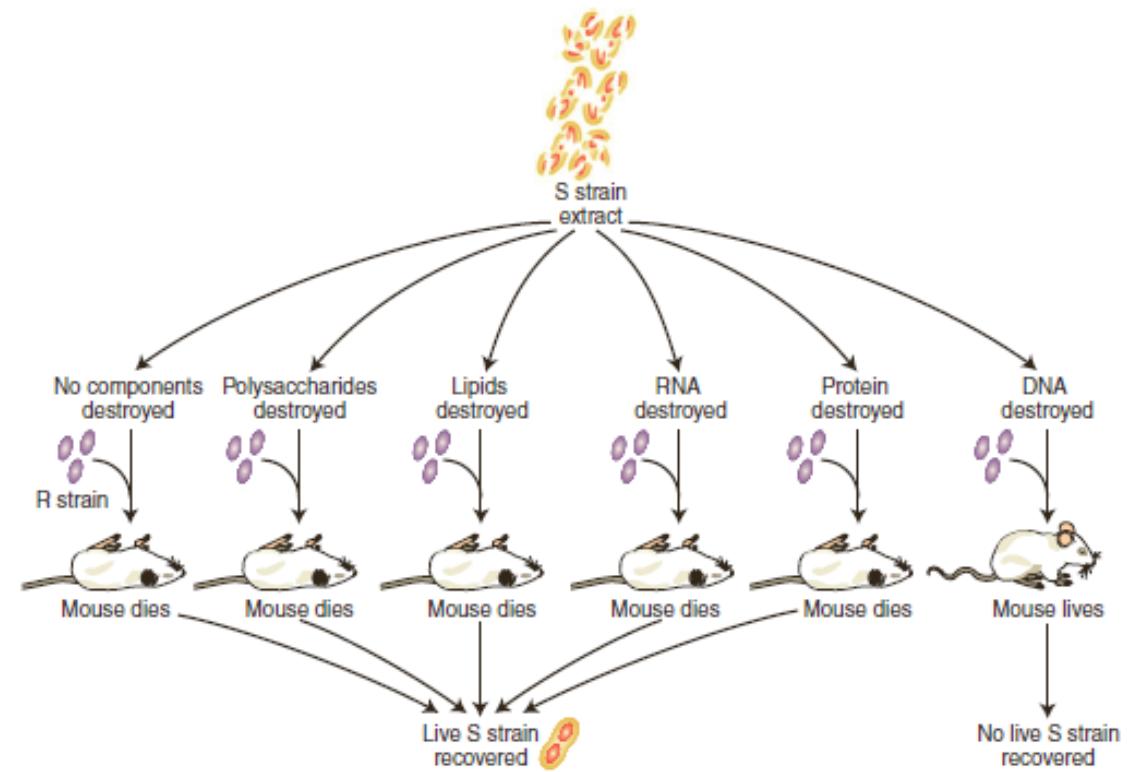
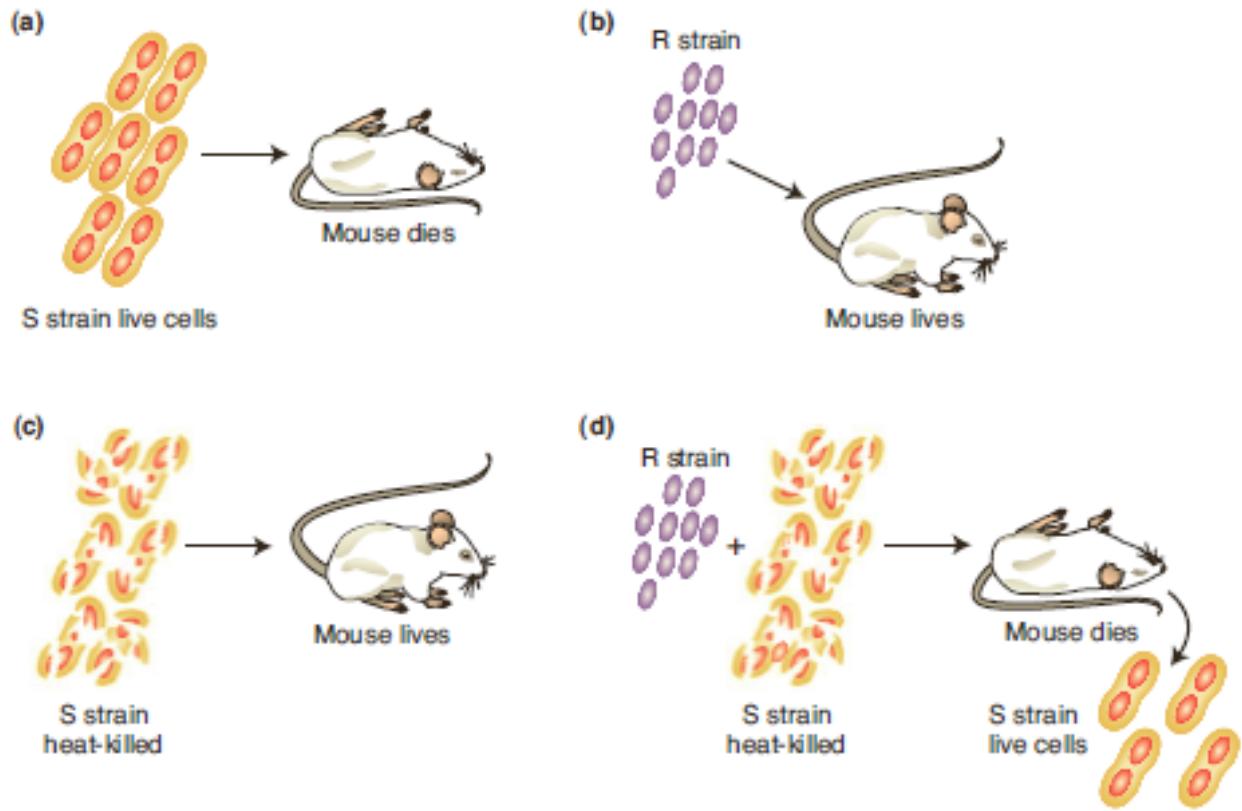
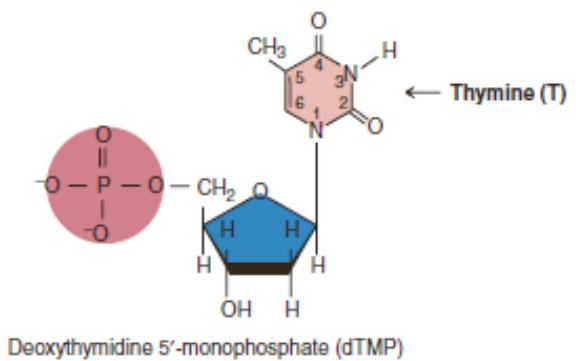
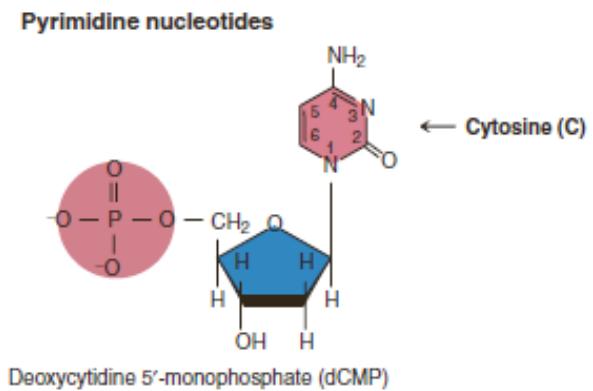
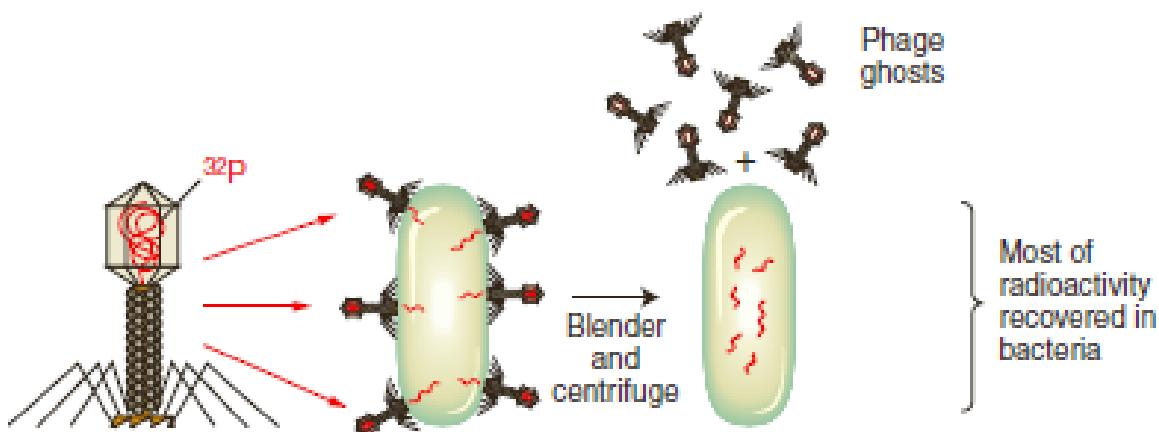
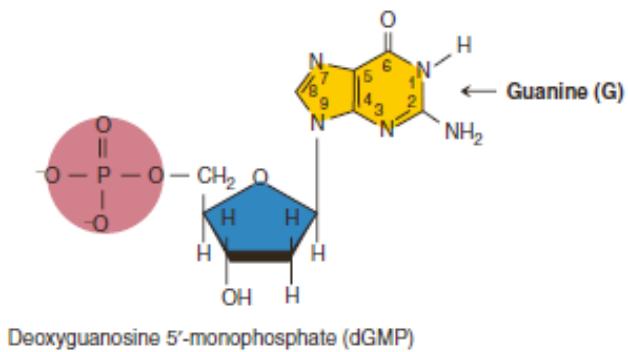
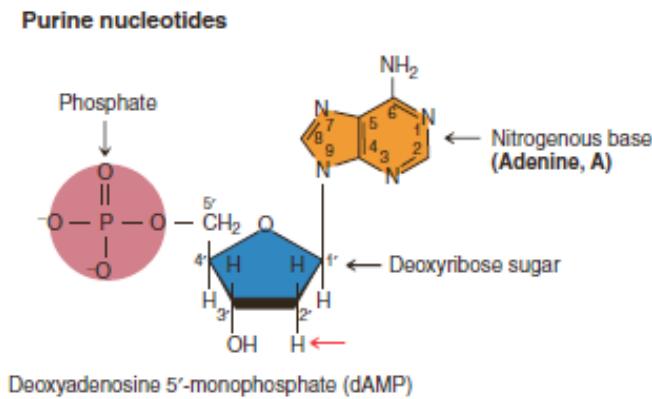
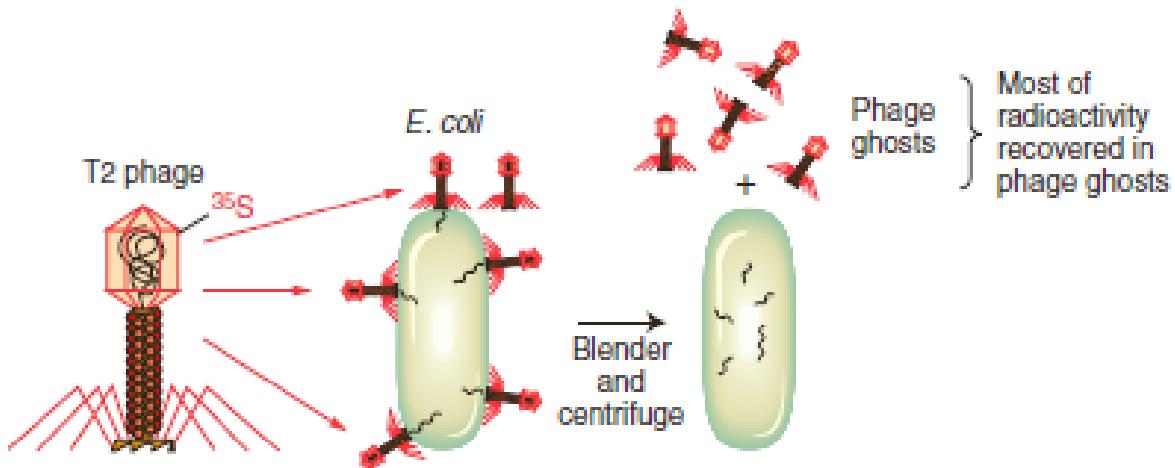
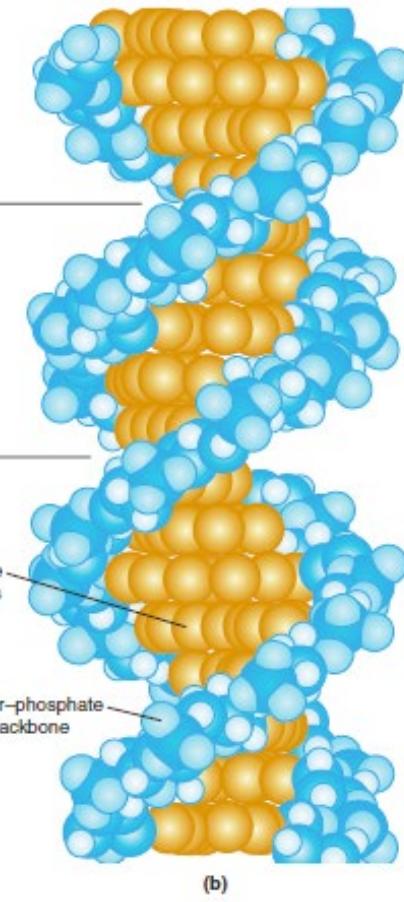
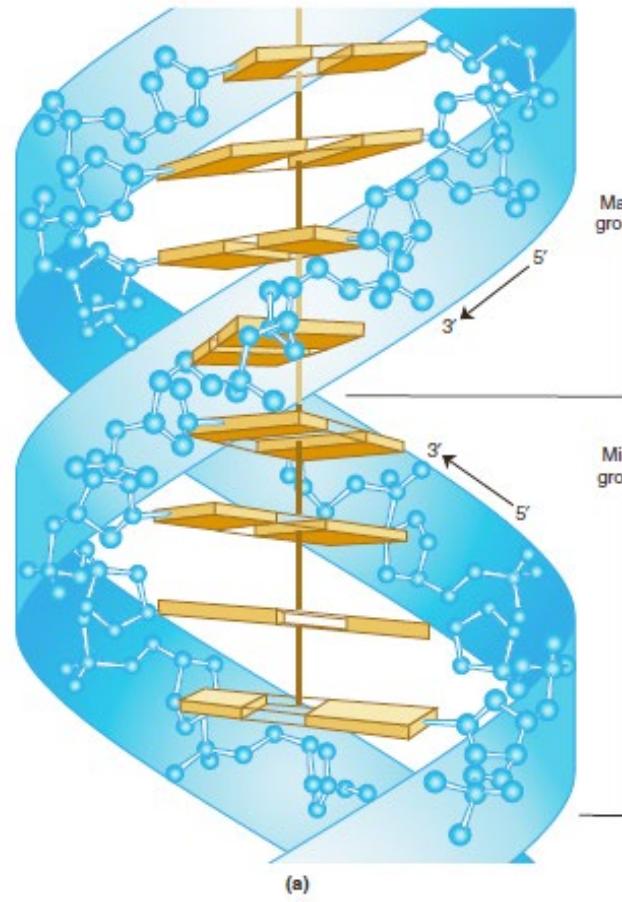
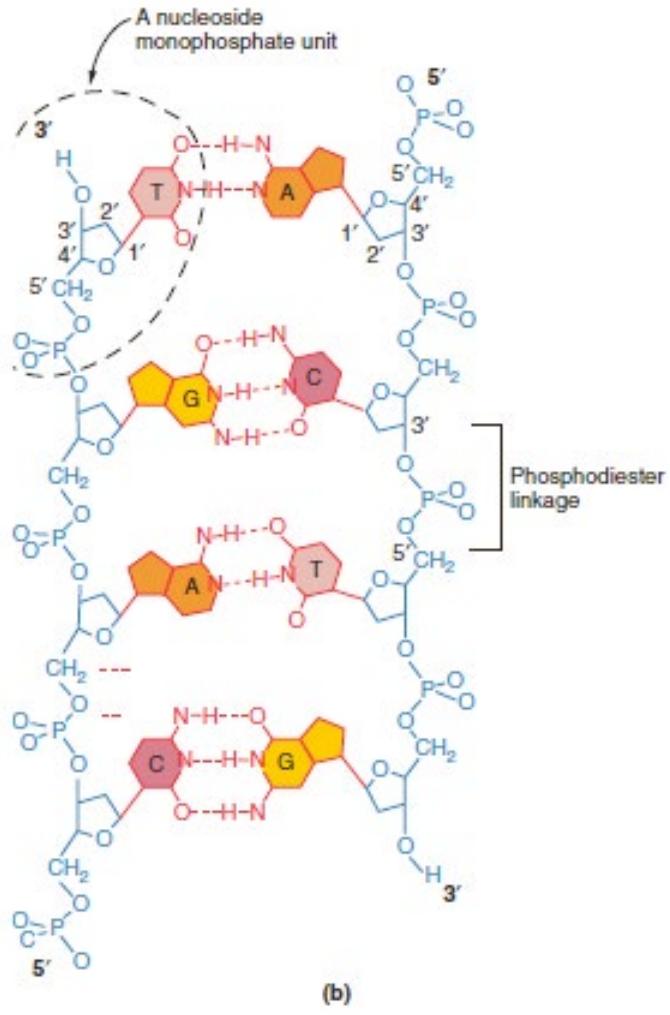
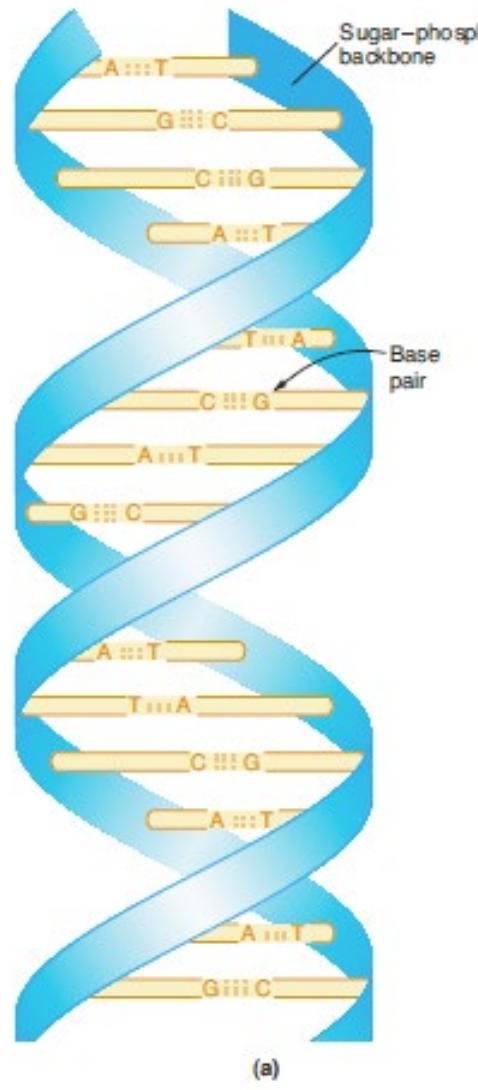


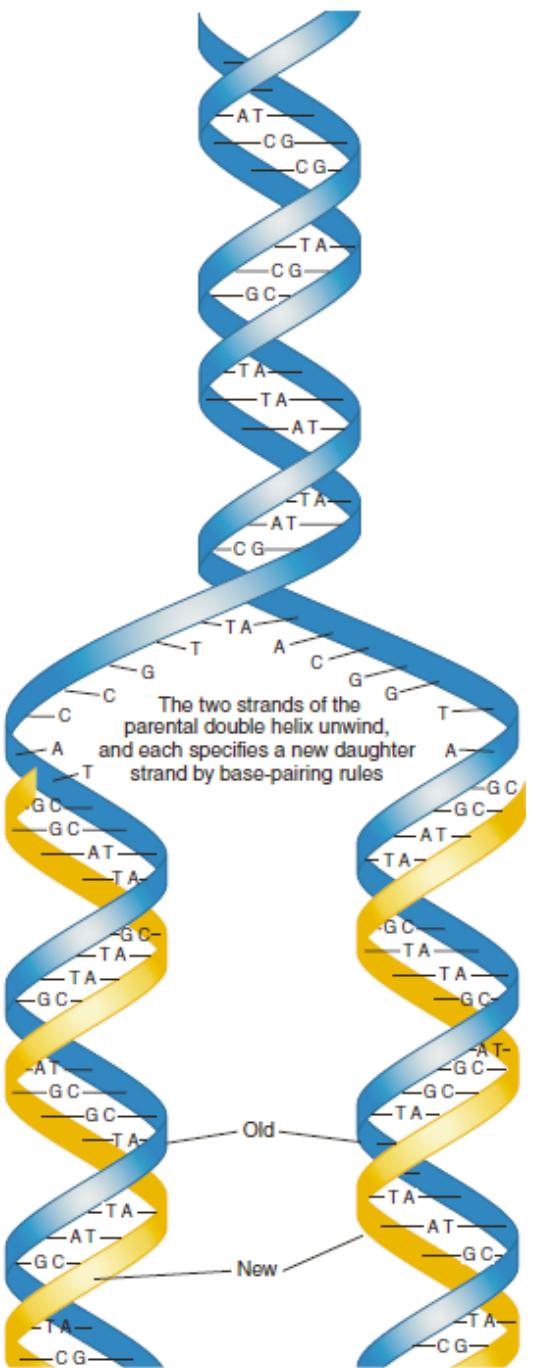
# 7. DNA: Yapısı ve Replikasyon



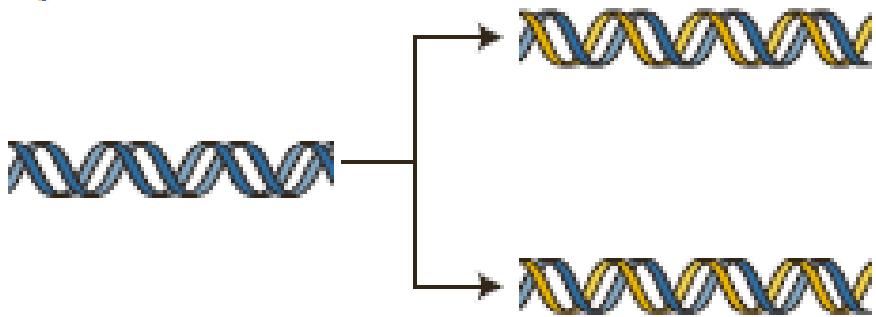




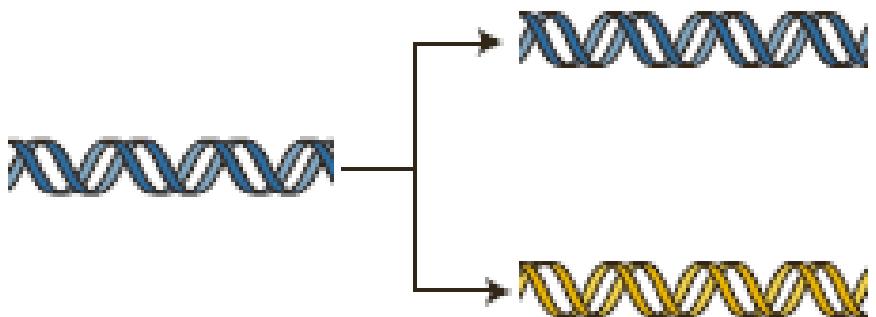
● H  
 ● O  
 ● C in phosphate ester chain  
 ● P  
 ● C and N in bases



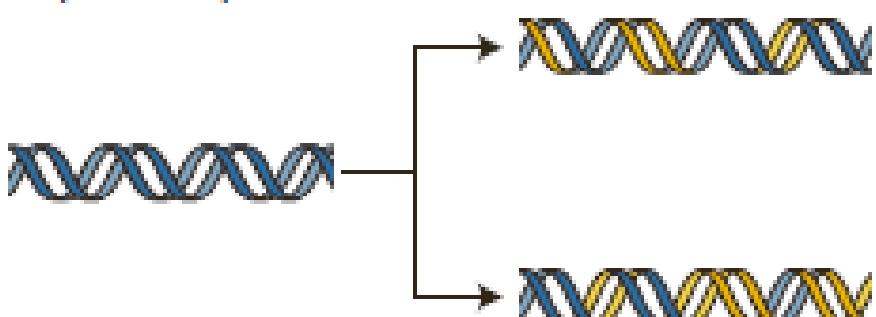
### Semiconservative replication



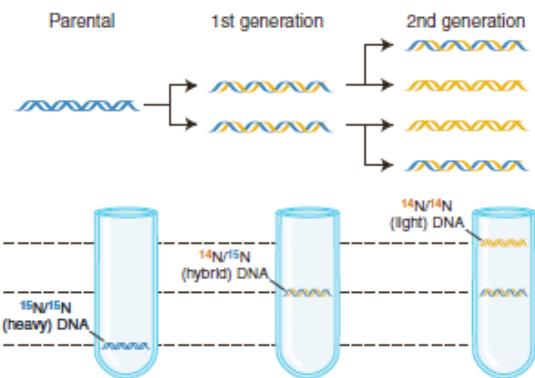
### Conservative replication



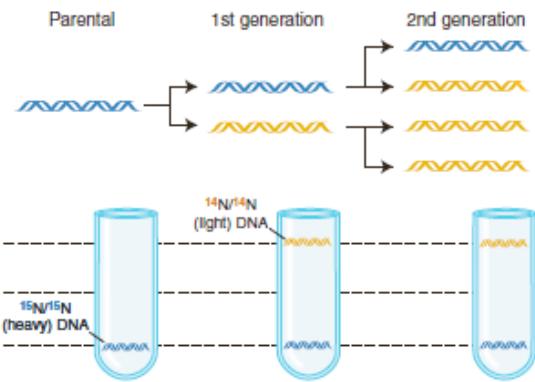
### Dispersive replication



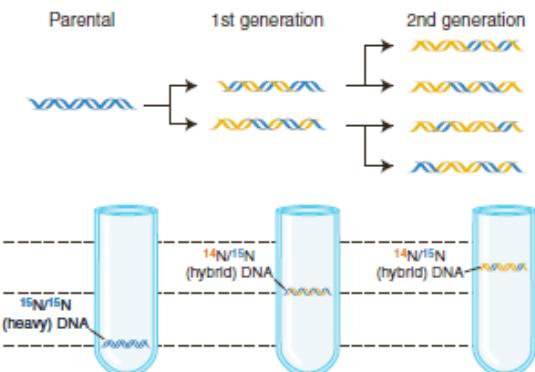
**(a) Predictions of semiconservative model**



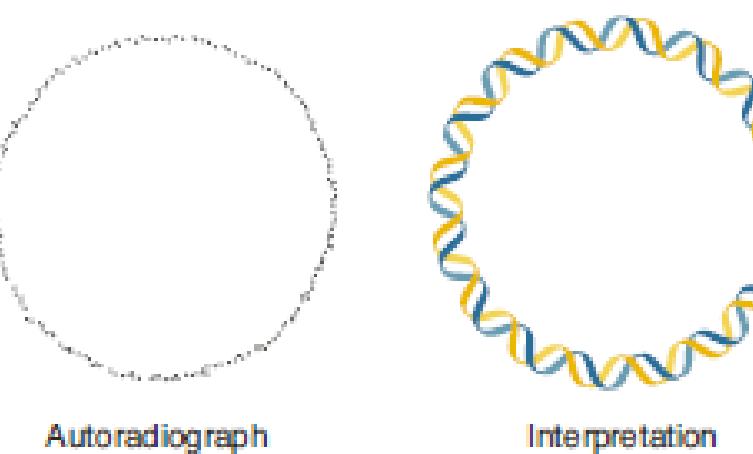
**(b) Predictions of conservative model**



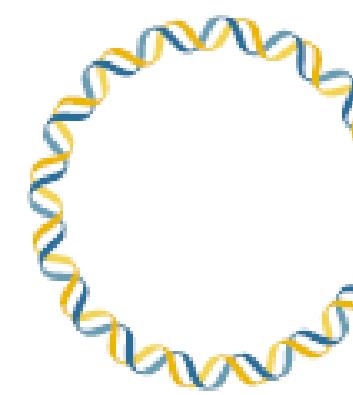
**(c) Predictions of dispersive model**



**(a) Chromosome after one round of replication**

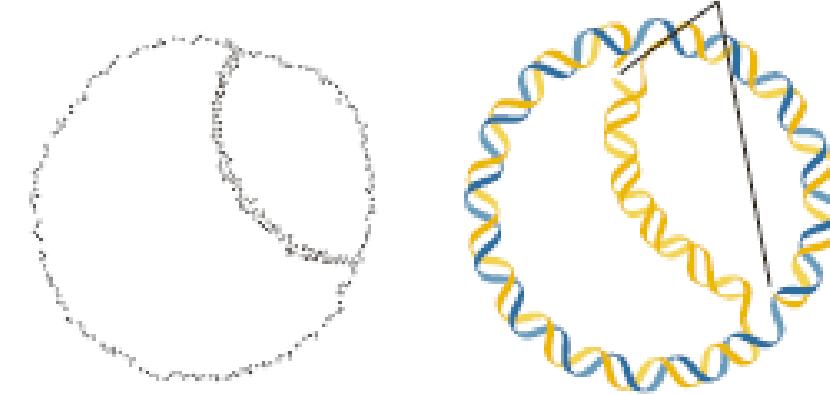


Autoradiograph



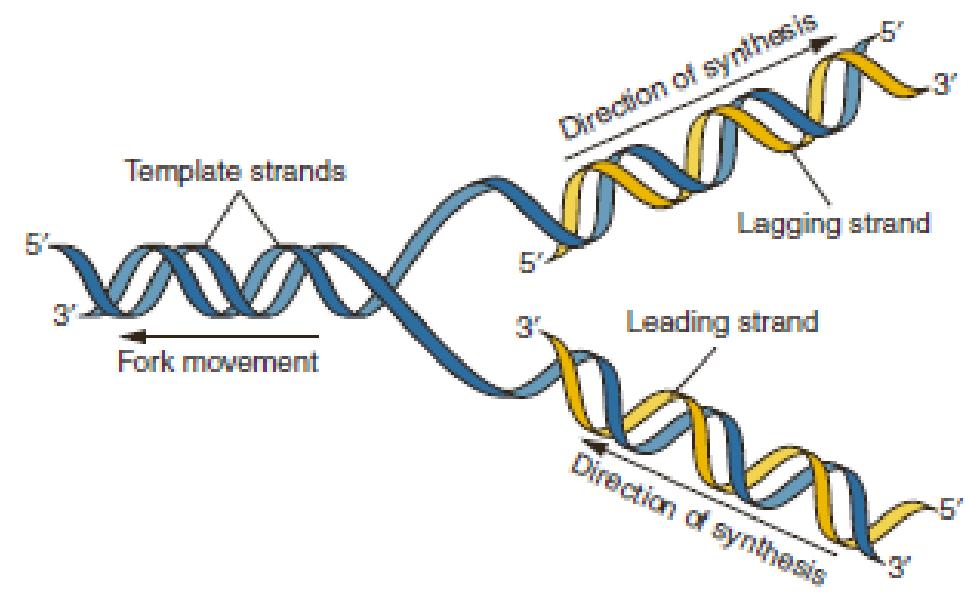
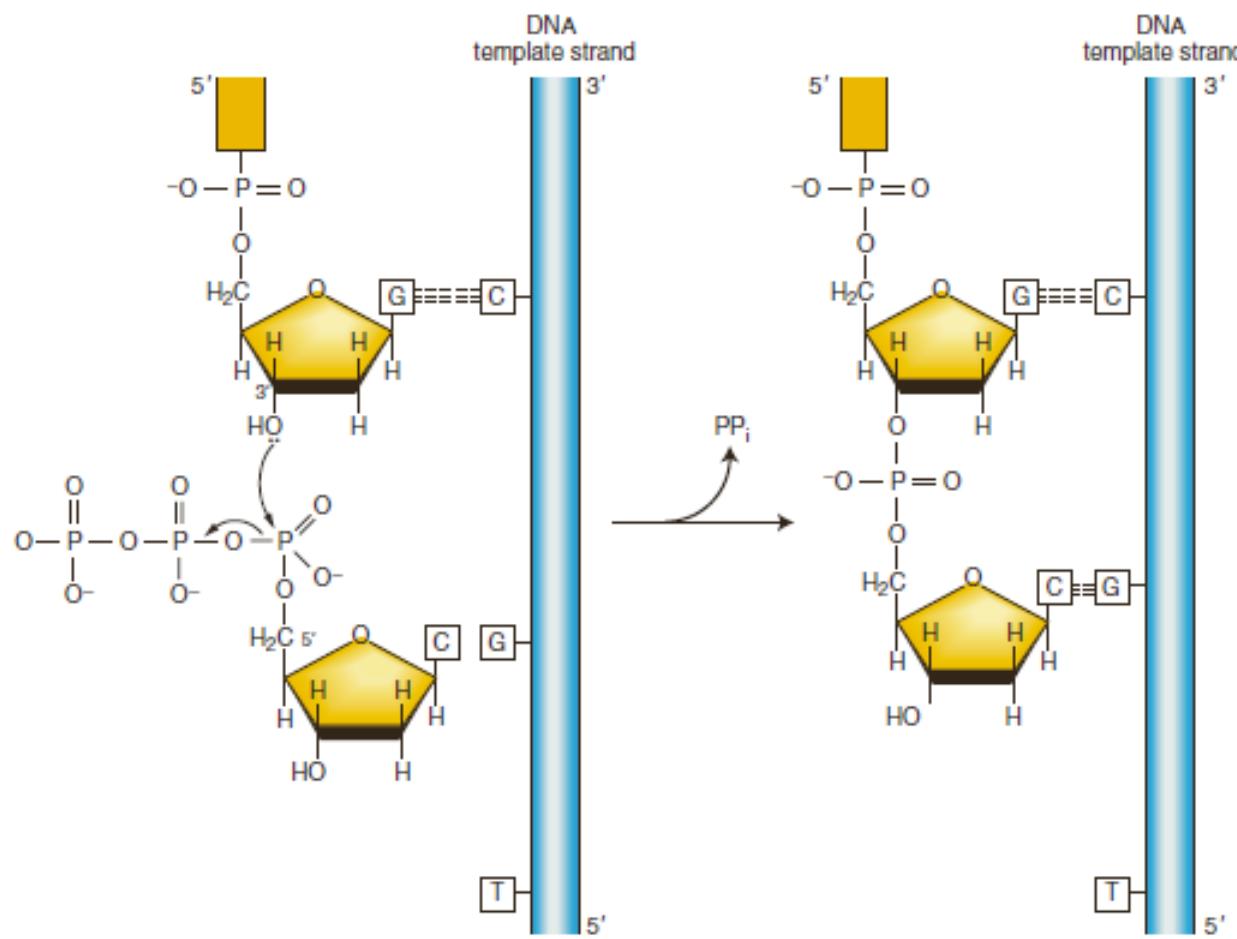
Interpretation

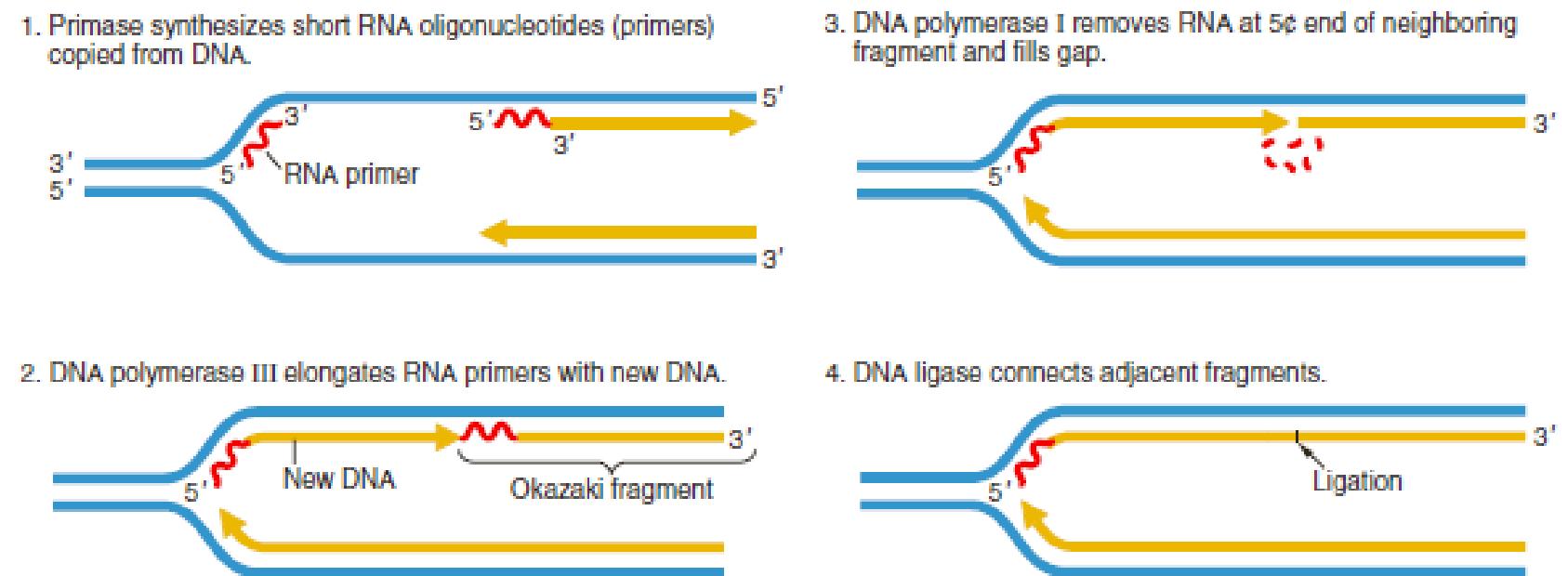
**(b) Chromosome during second round of replication**



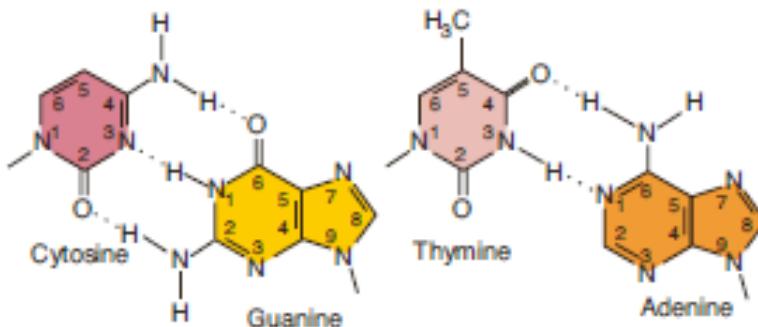
Autoradiograph

Interpretation





### (a) Normal base pairing



### (b) Mismatched bases

