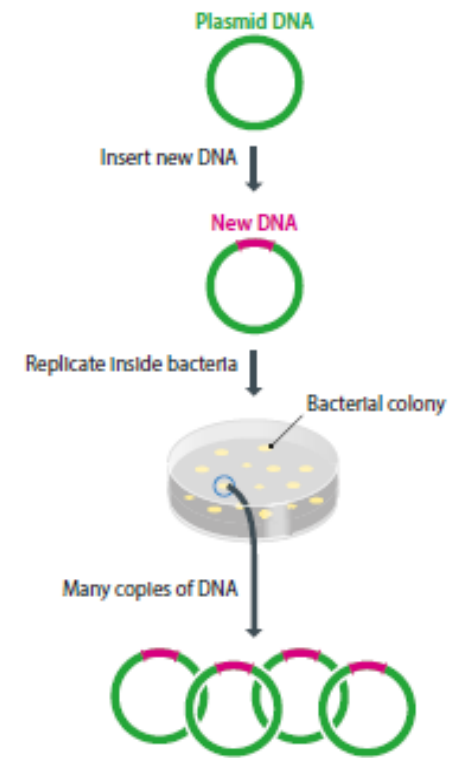
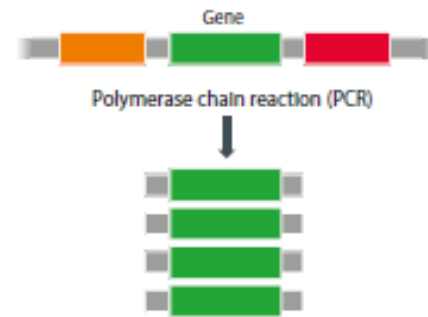
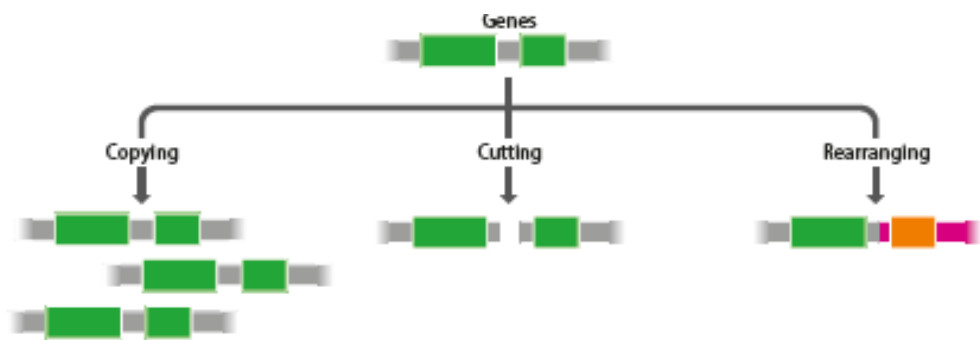


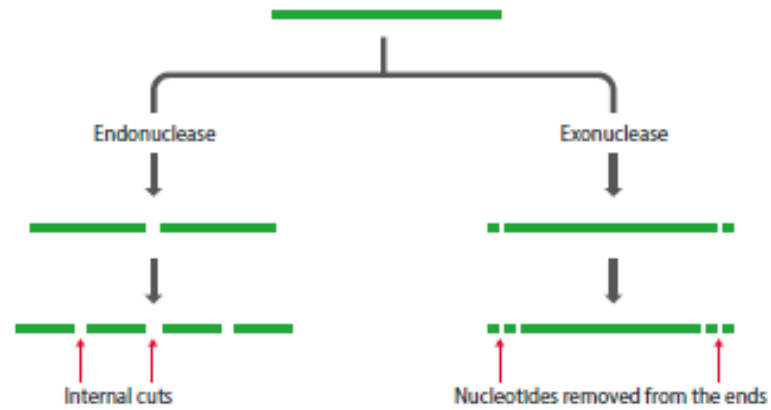
DNA alıřmaları



(A) DNA polymerases



(B) Nucleases



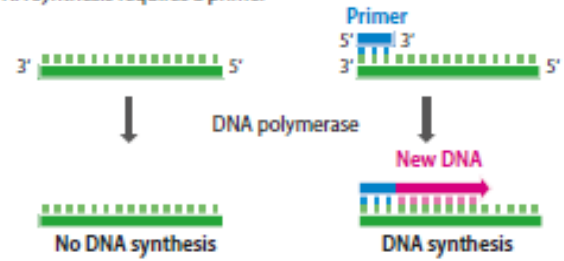
(C) Ligases



(D) End-modification enzymes



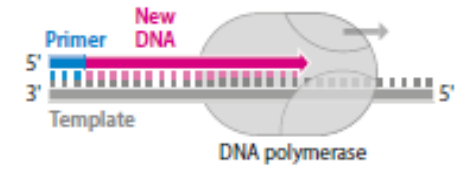
(A) DNA synthesis requires a primer



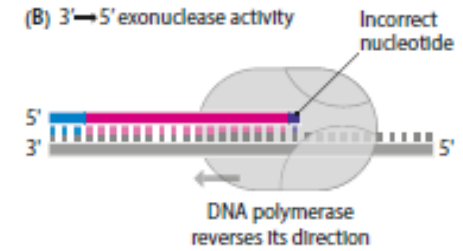
(B) The primer determines which part of a DNA molecule is copied



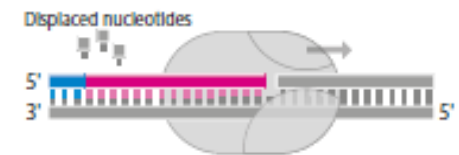
(A) 5' → 3' DNA synthesis

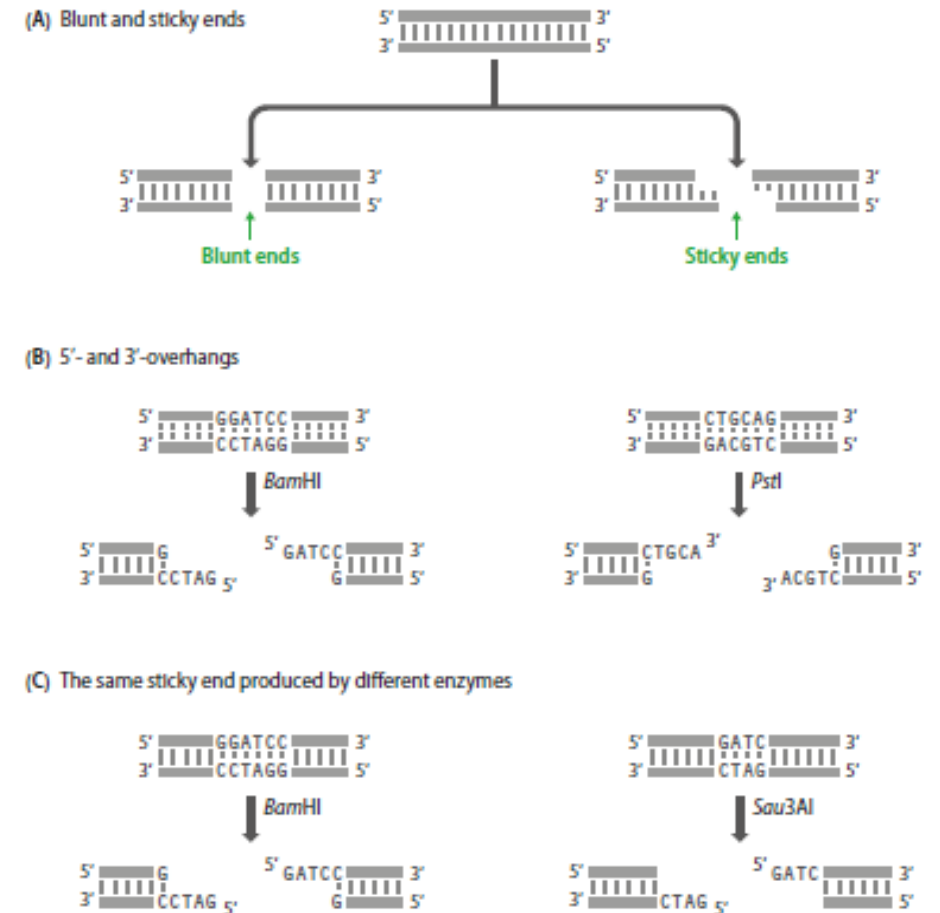
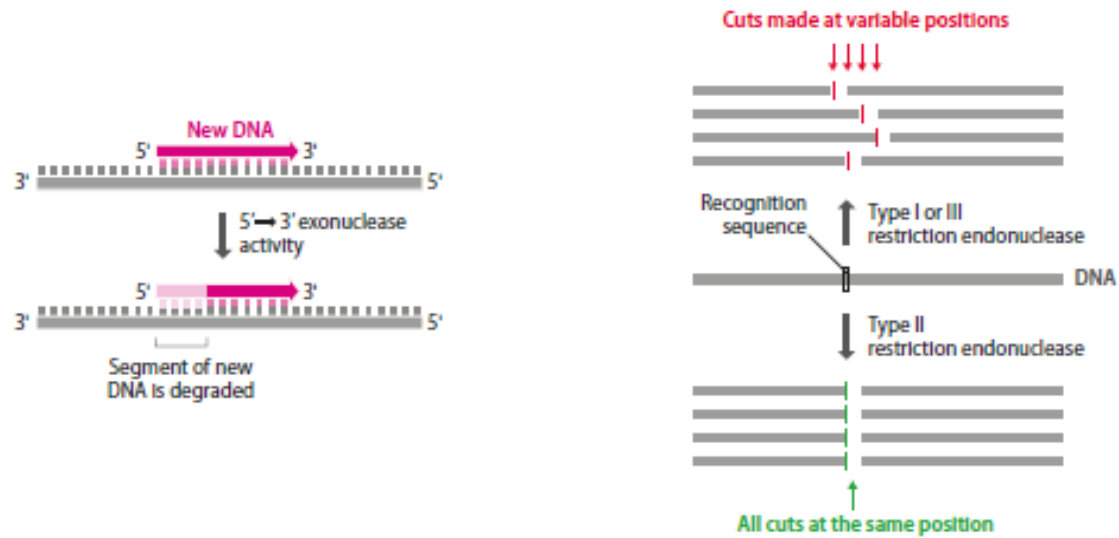


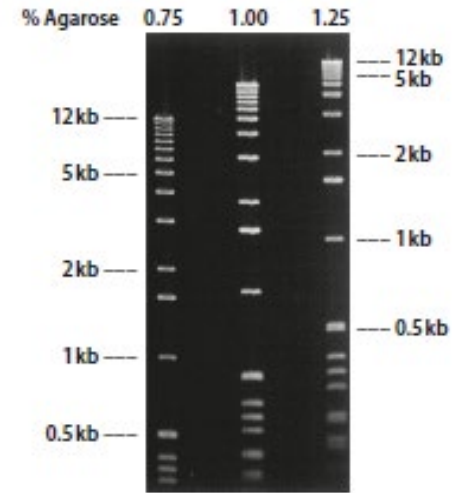
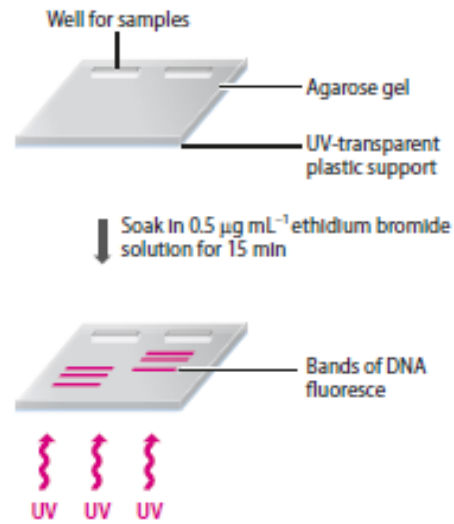
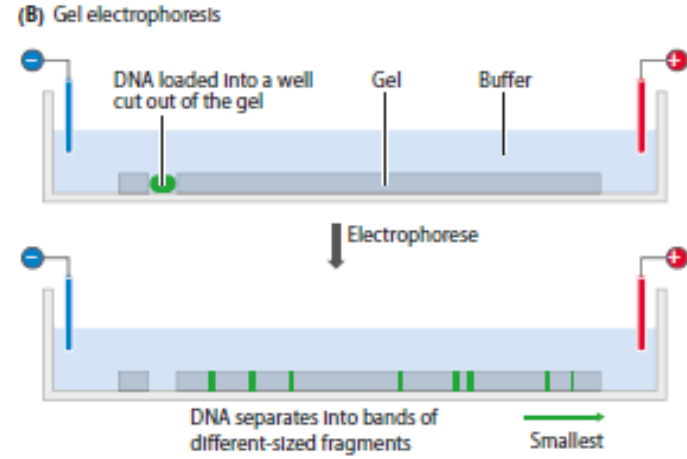
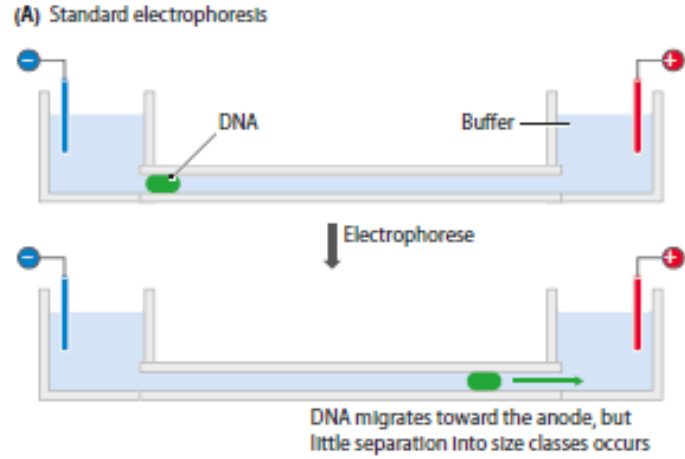
(B) 3' → 5' exonuclease activity



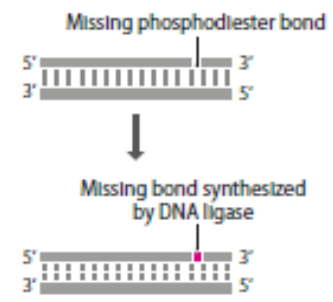
(C) 5' → 3' exonuclease activity



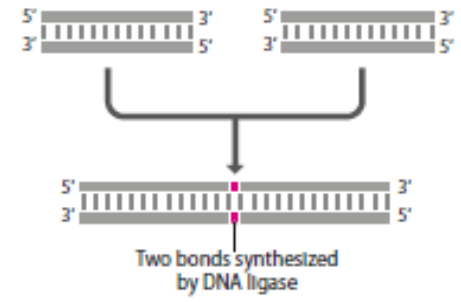




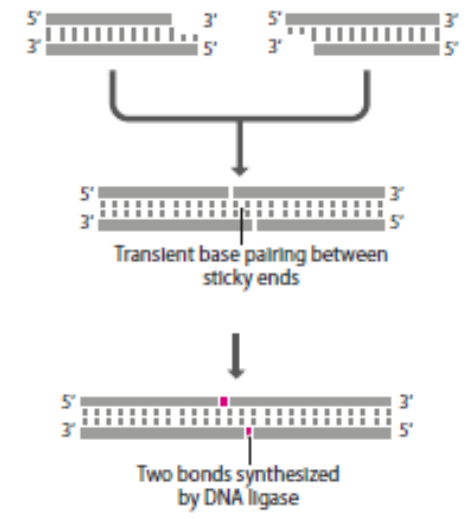
(A) The role of DNA ligase *in vivo*



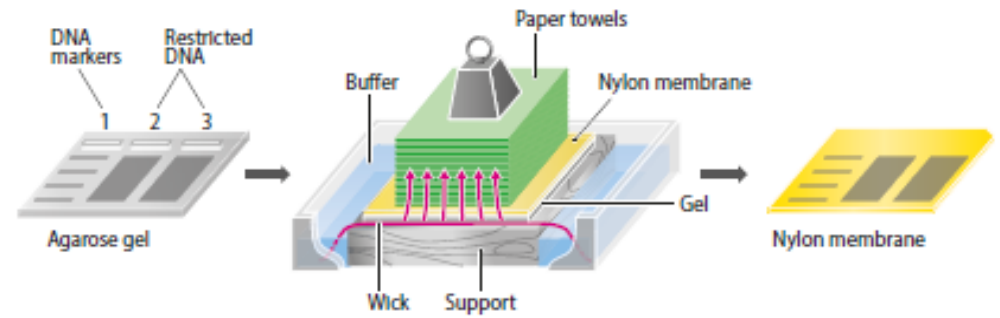
(B) Ligation *in vitro*



(C) Sticky-end ligation is more efficient



(A) Transfer of DNA from gel to membrane



(B) Hybridization analysis



