







# DNA Replication

① DNA Helicase enzyme

"unzips" the Double helix

② DNA Primase enzyme

adds a starter nucleotide

③ DNA Polymerase enzyme

adds complementary nucleotides

from 3' → 5'

leading strand

-continuous

lagging strand

-built in pieces

called Okazaki fragments

④ Ligase enzyme

"glues" together fragments to create continuous strand

END

2 identical daughter strands

"Semi-conservative"  
half old/half new

