

## Assignment Week 8

Start: Double-stranded DNA



RNA Polymerase binds to promoter region



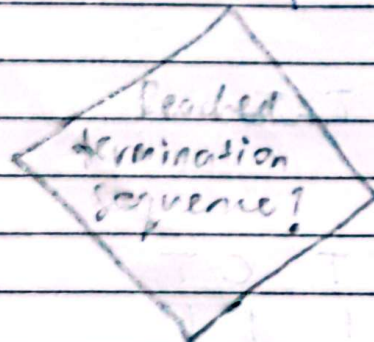
DNA double helix unwinds



RNA Polymerase reaches template strand



Complementary RNA nucleotides added



No



Yes

RNA Polymerase releases



Pre-mRNA formed



Post-transcriptional modification



Mature mRNA



End: mRNA ready for translation



## Translation Process

