

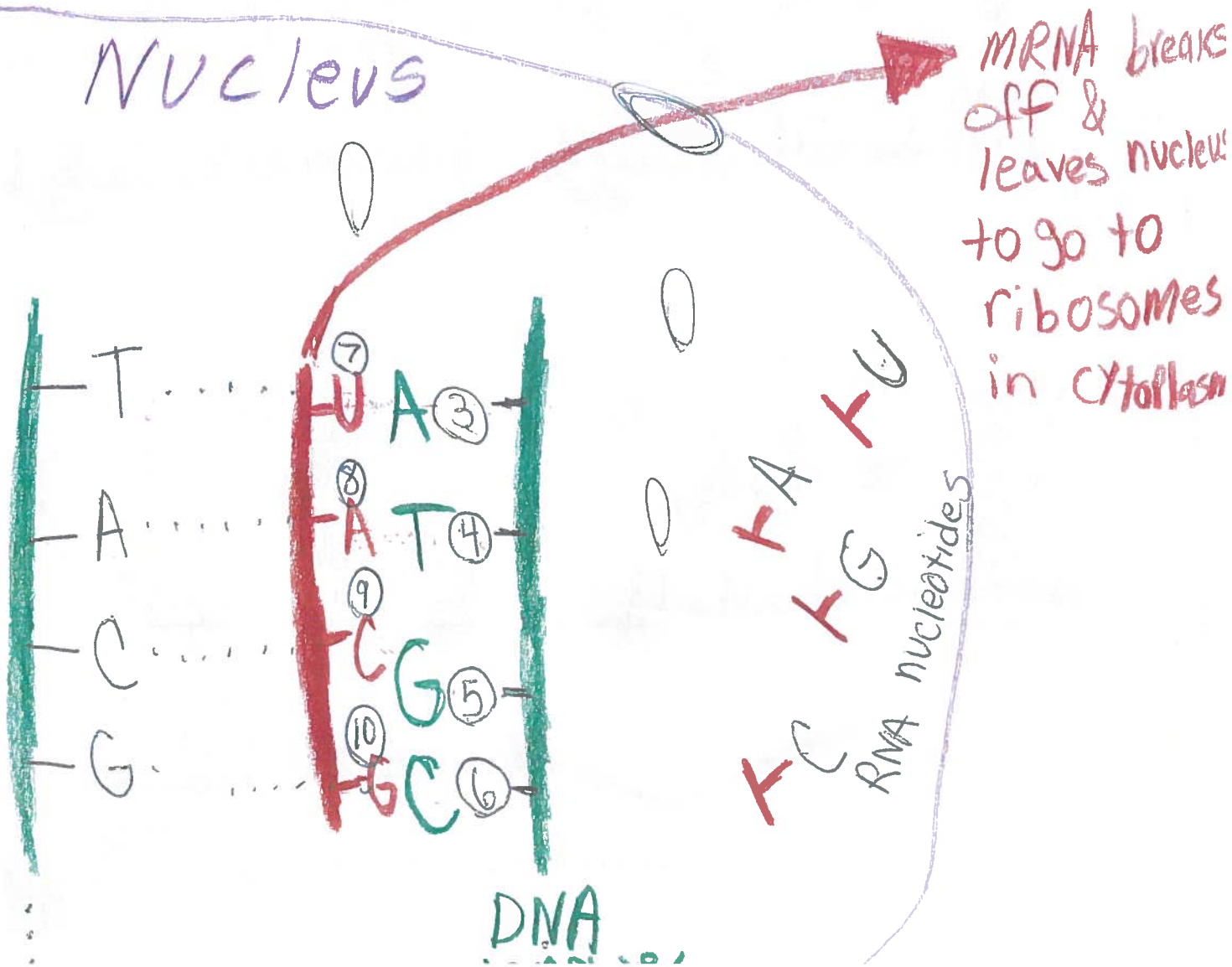
From DNA to Protein

* DNA is the genetic code or blueprint for making Protein

Part 1: Transcription

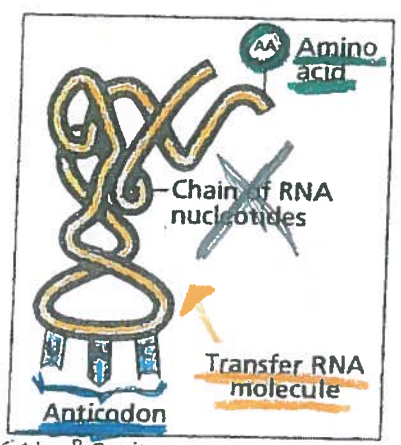
① Where? Nucleus

What does transcription make? Messenger RNA (mRNA)

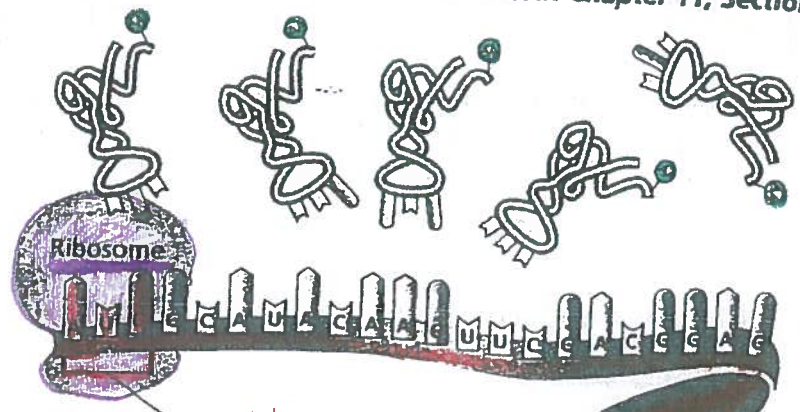


Part 2 RNA Translation = Protein Synthesis

Use with Chapter 11, Section 11.2



Set of 3 nitrogen bases on bottom of tRNA



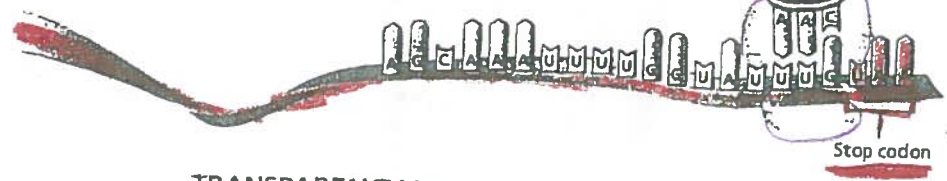
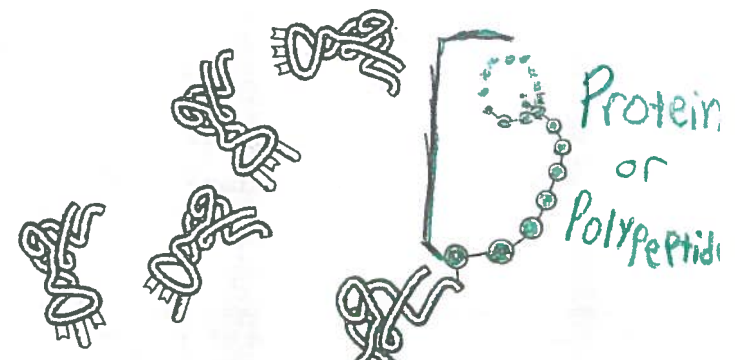
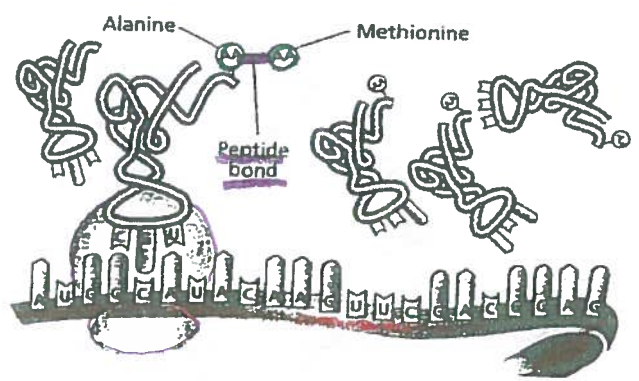
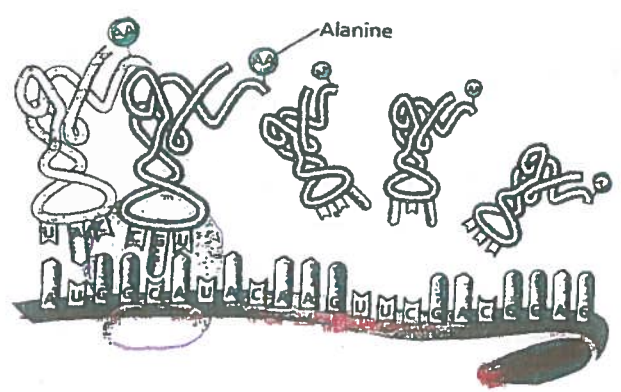
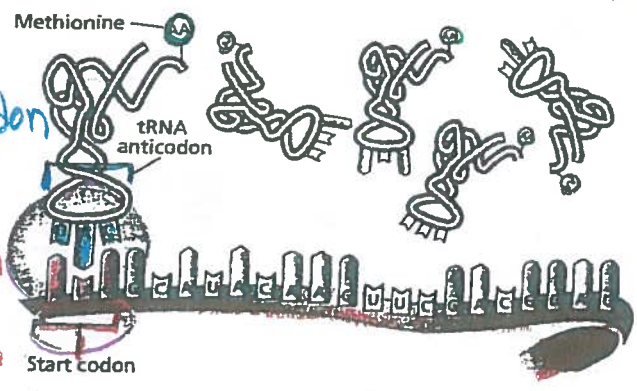
start mRNA codon
- first set of 3 nitrogen bases (AUG) on mRNA

messenger RNA (mRNA)

+ tRNA anticodon

Pairs with mRNA Start codon

UAC
AUG



last set of 3 nitrogen bases on mRNA (UAA)

