

8.4 & 8.5- For each term, NEATLY write the **definition** on the back of the card, including the answer to the question.

RNA polymerase

What is the role of RNA polymerase in the three basic steps of transcription?

Stop codon

What are the codons for the three stop codons?

mRNA, rRNA, tRNA

What are the roles of these three molecules in the creation of proteins?

Start codon

What amino acid serves as the start codon? What is its codon?

Translation

How can 4 nucleotides code for 20 amino acids?

Anticodon

Where is an anticodon found? What is the function of an anticodon?

Codon

Use the table in figure 8.13. What codons code for the amino acid arginine? What amino acid is coded for with the codon CAG?