Name_

_Hour___

RNA Translation Amino acid AA Chain of RNA nucleotides Ribosome Transfer RNA molecule Anticodon mRNA codon Alanine Methionine AP AA tRNA anticodon B ACAAGUUCG Alanine Methionine (AA Peptide CA A UUCG

Stop codon

Name____

RNA Translation

1. Compare and contrast the structure of tRNA and mRNA.

2. What is the function of tRNA?

3. What is a anticodon?

4. Which mRNA codon usually signals the beginning of protein synthesis?

5. How are amino acids joined together to form a protein?

6. How can only 20 amino acids be used to construct the large variety of proteins required by organisms?

7. What is the function of a stop codon?

Hour