**1. THE GENETIC CODE**

 Polypeptide:

 Genetic Code:

What is the genetic code and how is it read?

|  |
| --- |
| Draw the mRNA and codons below  |

1. How to Read Codons: (take notes on this section)

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Summarize steps 1-4

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B. Start and Stop Codons (take notes on this section) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

QUICK LAB (complete on this piece of paper)

1.
2.
3.
4.

Analyze and Conclude:

1.

**TRANSLATION**

What role does the ribosome play in assembling proteins?

Define: Translation –

1. Steps in translation (take notes on this section)

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Define: Anti codon-

Summarize the three steps in translation below



1. The roles of tRNA and rRNA in translation (take notes on this section)

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**THE MOLECULAR BASIS OF HEREDITY (take notes on this section)**

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What is the Central Dogma of molecule biology?

[-Define: Gene expression: -