

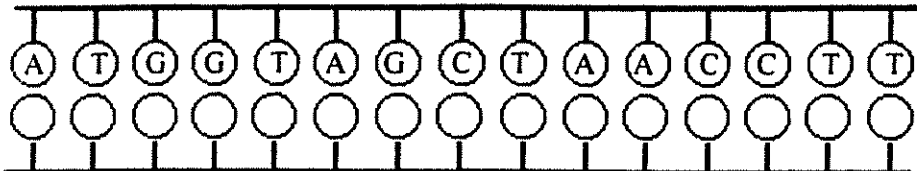
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## Protein Synthesis Worksheet


### Directions:

- 1<sup>st</sup> Fill in the complementary DNA strand using DNA base pairing rules.
- 2<sup>nd</sup> Fill in the correct mRNA bases by transcribing the bottom DNA code.
- 3<sup>rd</sup> Translate the mRNA codons and find the correct amino acid using the Codon Table
- 4<sup>th</sup> Write in the amino acid and the correct anti-codon the tRNA molecule.
- 5<sup>th</sup> The answer to the questions about protein synthesis below the amino acids.

1.  **DNA**

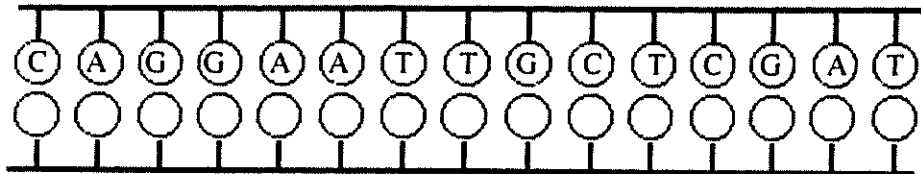
2.  **mRNA**


3.  **tRNA**


4.  **Amino Acids**


5. mRNA is synthesized in translation or transcription?

6. mRNA has codon or anti-codons?

7.  **DNA**

8.  **mRNA**

9.  **tRNA**

10.  **Amino Acids**