

Name: _____ Date: _____

Making a Protein from DNA

1. Where is DNA located? _____
 2. Where are proteins built? _____
 3. How does DNA get its message to the ribosome?
 4. How many letters of mRNA are read at one time? _____
 5. What is a "triplet" of mRNA called? _____
 6. What does one triplet in mRNA code for? _____
-

Here is a strand of DNA:

TAT CAT GAG TAG TTT AAA CCA ATT

7. What mRNA molecule would be transcribed from this DNA?

8. Write the amino acids (all of them) that are coded for by this mRNA.

Here is a second strand of DNA:

TGT CAT GCC TCG TCT ATA CCG ACT

7. What mRNA molecule would be transcribed from this DNA?

8. Write the amino acids (all of them) that are coded for by this mRNA.
