Name: Date: Period:

**Translation Review**

1. Define Translation –
2. Define codon –
3. Where does translation occur?
4. Complete the following table.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| cDNA |  |  |  |  |  |  |  |  |  |
| DNA | CAT | TTA | GCT | TCA | AGC | CAA | GTA | AAC | AGT |
| mRNA |  |  |  |  |  |  |  |  |  |
| Amino Acids |  |  |  |  |  |  |  |  |  |
| anticodon |  |  |  |  |  |  |  |  |  |

1. Define messenger RNA –
2. Define ribosomal RNA –
3. Define transfer RNA –
4. Define anti-codon -
5. Label the following diagram.

Monomer of a polypeptide



The structure that attaches to the codon on mRNA

Created by RNA polymerase

Produces amino acids

This structure is linking the amino acids together to create a protein/polypeptide