

### DNA, RNA and Protein Synthesis worksheet

What is the name of the replication method of DNA?

In DNA, adenine pairs with \_\_\_\_\_ and guanine pairs with \_\_\_\_\_.

Given is a strand of DNA. Draw the complimentary strand of DNA.

A-T-A-A-T-C-C-G-A-A-T-C-C-A-T-G-T

Name the three types of RNA.

Name the two parts of protein synthesis.

The making of mRNA from DNA is called \_\_\_\_\_.

Where does transcription take place?

Where does translation take place?

The three steps of translation are \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

What carries the amino acids to the ribosome?

What helps put the amino acids together at the ribosome?

A 3 base sequence codes for one amino acid.

What is the name of this sequence on DNA? mRNA? tRNA?