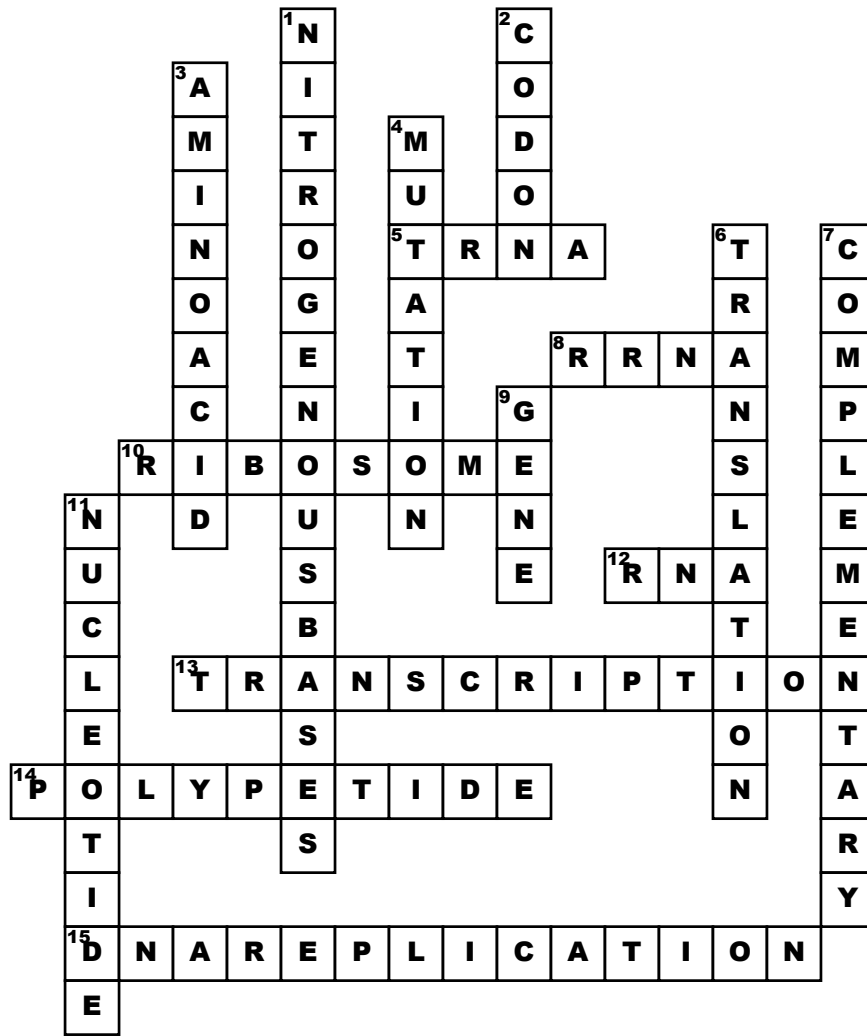


Name: _____ Date: _____ Period: _____

DNA Vocabulary



Across

5. Physical link between the mRNA and the amino acids sequence of proteins

8. Essential for protein synthesis in all living organisms

10. Organelle that produces proteins

12. Single stranded molecule found in Cytoplasm

13. Process in which the DNA is copied into RNA by polymerase

Word Bank

Gene

RNA

nucleotide

Codon

rRNA

DNA replication

Polypeptide

Complementary

14. Bonding of a large number of amino acids forming a chain

15. Process of producing two identical replicas of DNA

Down

1. Made up of adenine, thymine, guanine, and cytosine

2. Three nucleotides that form a genetic code

3. The monomer for Protein

4. A significant and basic change

6. Process in which ribosomes create proteins.

7. Type of base that allows cells to copy information from one generation to another

9. The molecular unit of heredity

11. Monomer for nucleic acid

Translation

Nitrogenous bases

Transcription

Mutation

Amino acid

tRNA

Ribosome