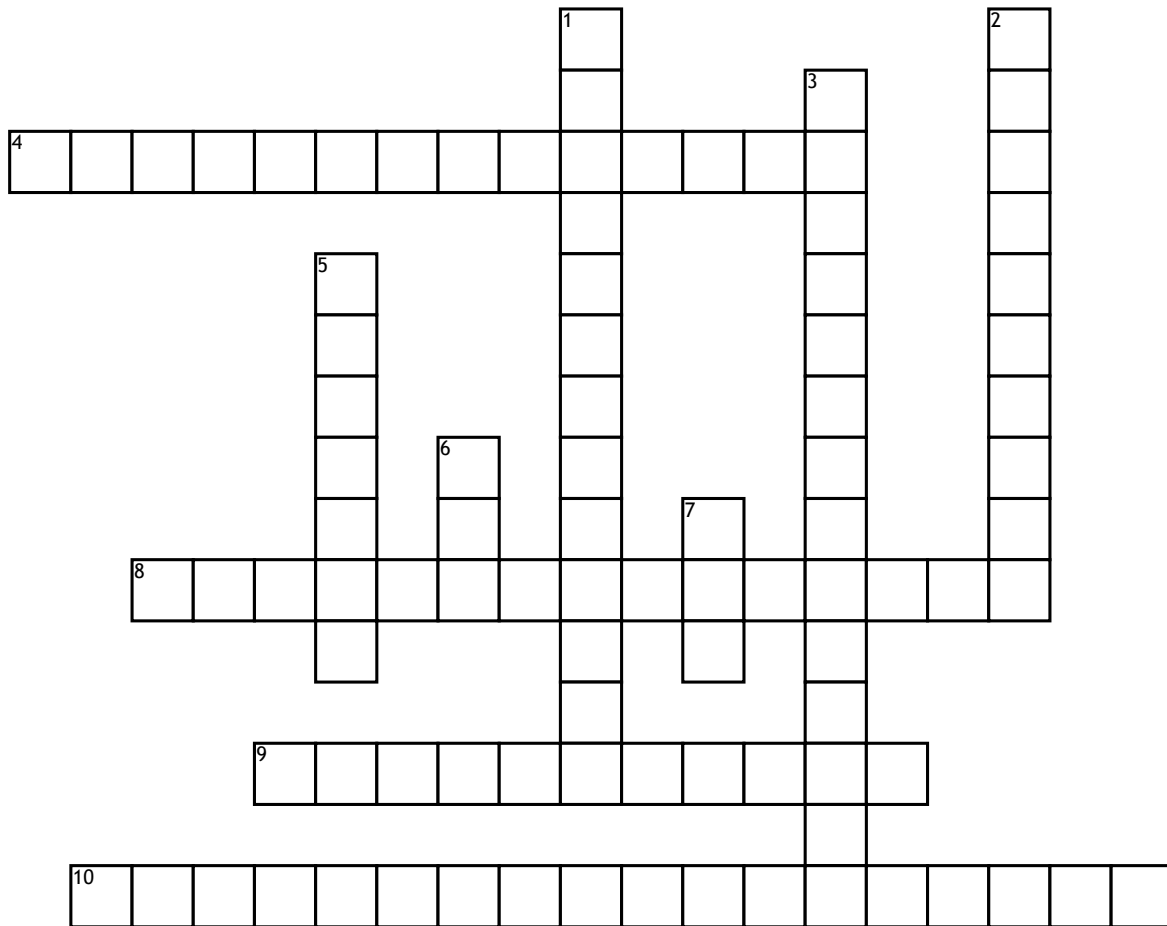


Name: _____

Date: _____

DNA Crossword



Across

4. The process by which DNA is copied during the cell cycle

8. Rule that describes how nucleotides form bonds in DNA; adenine always bonds with thymine and guanine always bonds with cytosine

9. Model that compares the structure of DNA molecule in which two strands wind around one another, creating a twisted ladder

10. Theory that states that in cells, information only flows from DNA to RNA to proteins

Down

1. Enzyme that makes bonds between nucleotides, forming identical strands of DNA during replication

2. The small unit or monomers that make up a strand of DNA composed of phosphate, nitrogen base and a sugar

3. Unique sequence of DNA base pairs that can be used to identify a person at the molecular level

5. Protein that catalyzes chemical reactions for organisms. Examples; helicase, primase, and polymerase

6. Ribonucleic acid, nucleic acid molecule that allows for the transmission of genetic information and protein synthesis

7. Deoxyribonucleic acid, a molecule that stores genetic information