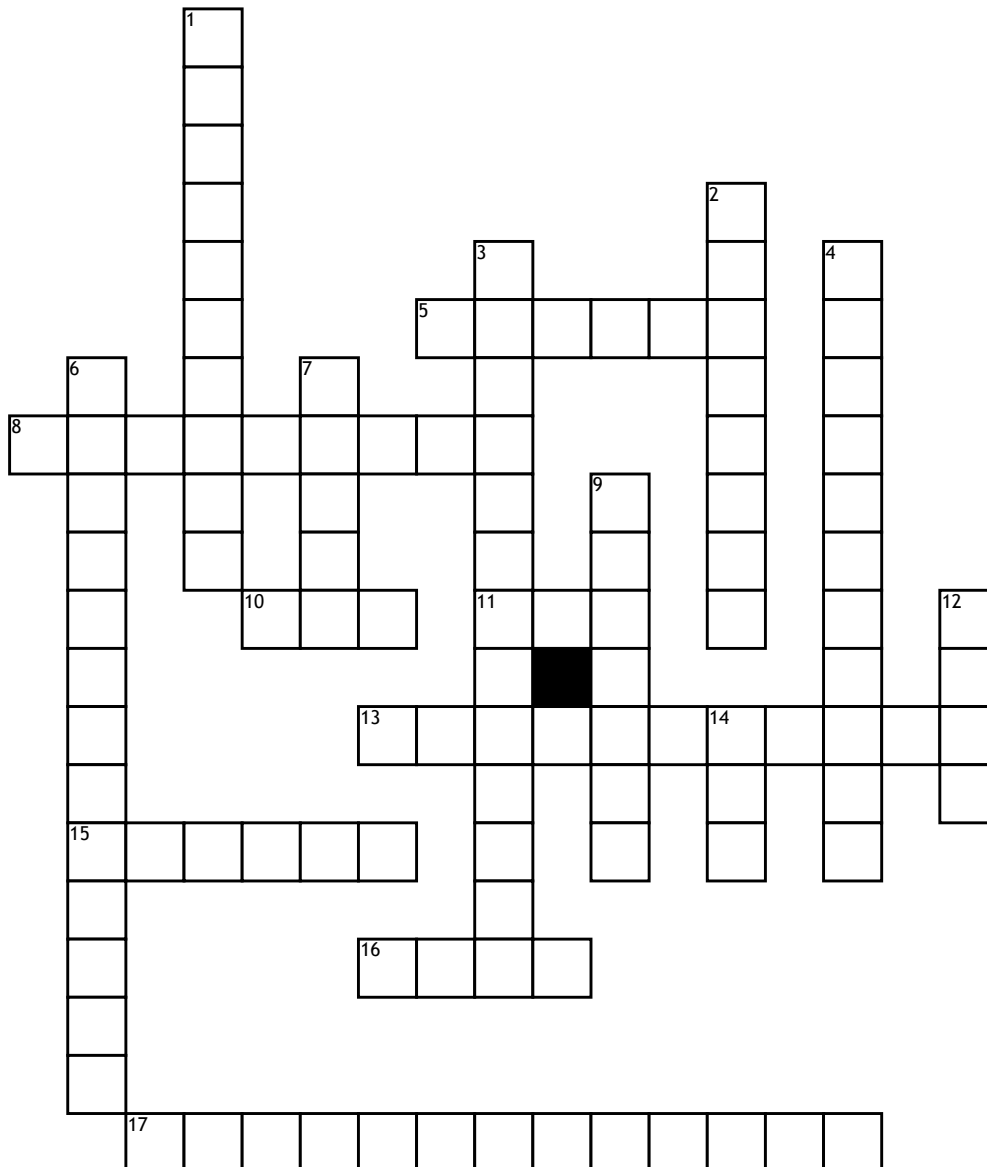


Name: _____

Date: _____

DNA



Across

- 5. Nitrogenous base found in RNA but not in DNA
- 8. Three nitrogen bases on a strand of tRNA
- 10. Nucleic acid that carries the genetic code of an organism
- 11. Single-stranded nucleic acid
- 13. Another term for DNA synthesis
- 15. Protein molecule that can speed up the rate of a chemical reaction; required during both replication and protein synthesis

- 16. Molecule that carries the genetic information from the nucleus to the cytoplasm
 - 17. enzyme that adds nucleotides to the growing RNA strand
- ## Down
- 1. Smallest units that join to form DNA; composed of sugar, phosphate and nitrogen base
 - 2. Enzyme that unzips the DNA strand during replication
 - 3. Process by which a molecule of DNA is copied into a strand of mRNA

- 4. The process of decoding mRNA into a protein
- 6. Enzyme that adds nucleotides to the growing DNA strand
- 7. Set of three nitrogen bases on an mRNA strand
- 9. Nitrogen base that bonds with cytosine
- 12. Carries a specific amino acid
- 14. Initiator or START codon