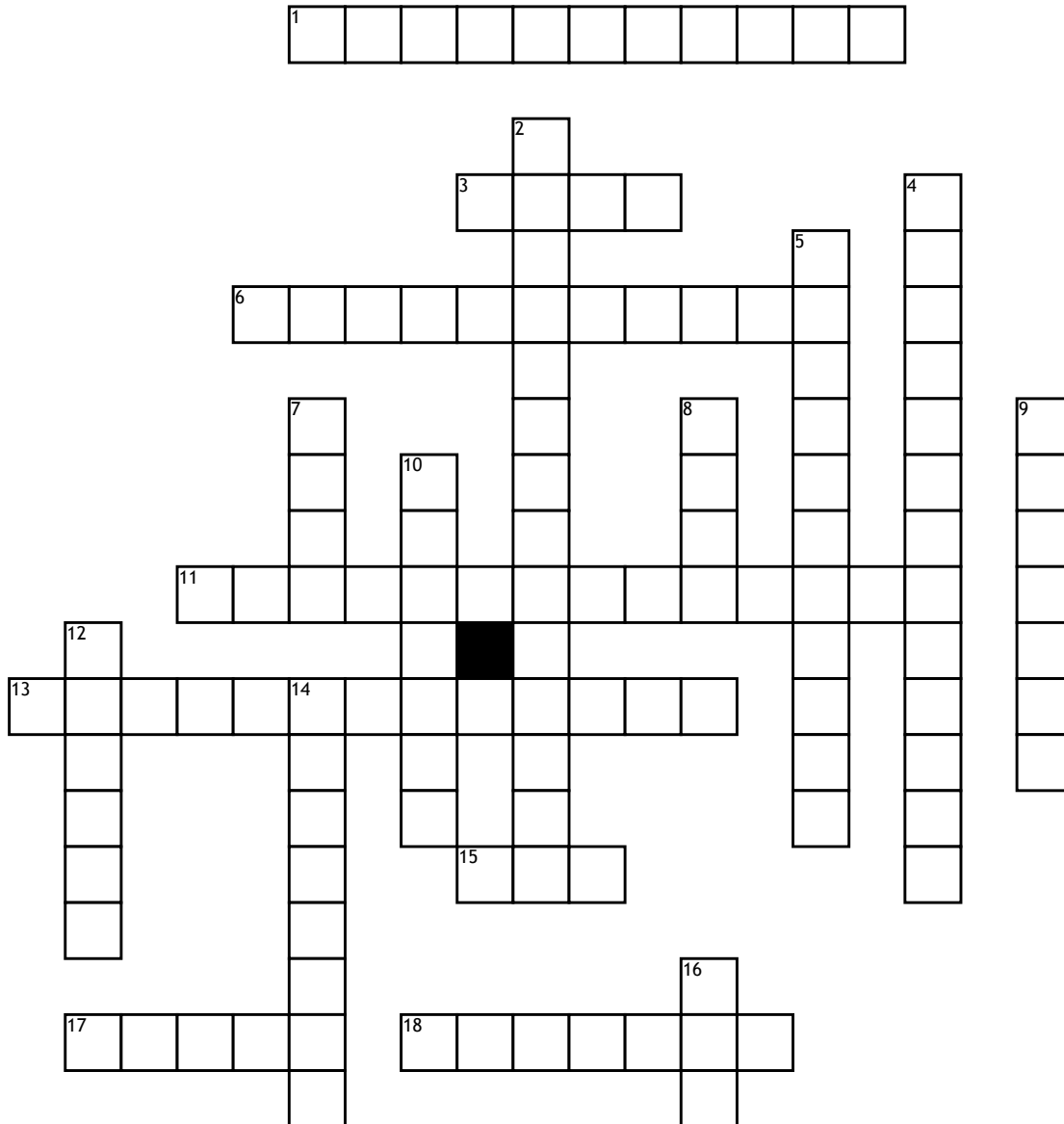


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Vocab DNA/RNA



**Across**

- 1. Where code is read and translated to make a protein.
- 3. Controls inherited trait expressions passed on from one generation to another generation.
- 6. A long, continuous, and unbranched peptide chain.
- 11. Biological process of producing two identical replicas of DNA from one original DNA molecule.
- 13. Synthesis of mRNA from DNA.

- 15. Helps carry out the "blueprints" guidelines.
- 17. The three-base code in DNA or mRNA.
- 18. Pairs with Adenine in DNA.

**Down**

- 2. The ability of an organism to control which genes are transcribed in response to the environment.
- 4. An electrostatic bond formed by the attraction of opposite charges between a hydrogen atom and an oxygen, fluorine, or nitrogen atom.

- 5. The sugar for DNA.
- 7. Travel from the nucleus to the ribosome to direct the synthesis of a specific protein.
- 8. Transport amino acids to the ribosome.
- 9. Pairs with Cytosine in DNA.
- 10. Pairs with Thymine in DNA.
- 12. Pairs with Adenine in RNA.
- 14. Pairs with Guanine in DNA.
- 16. A "blueprint" of biological guidelines.