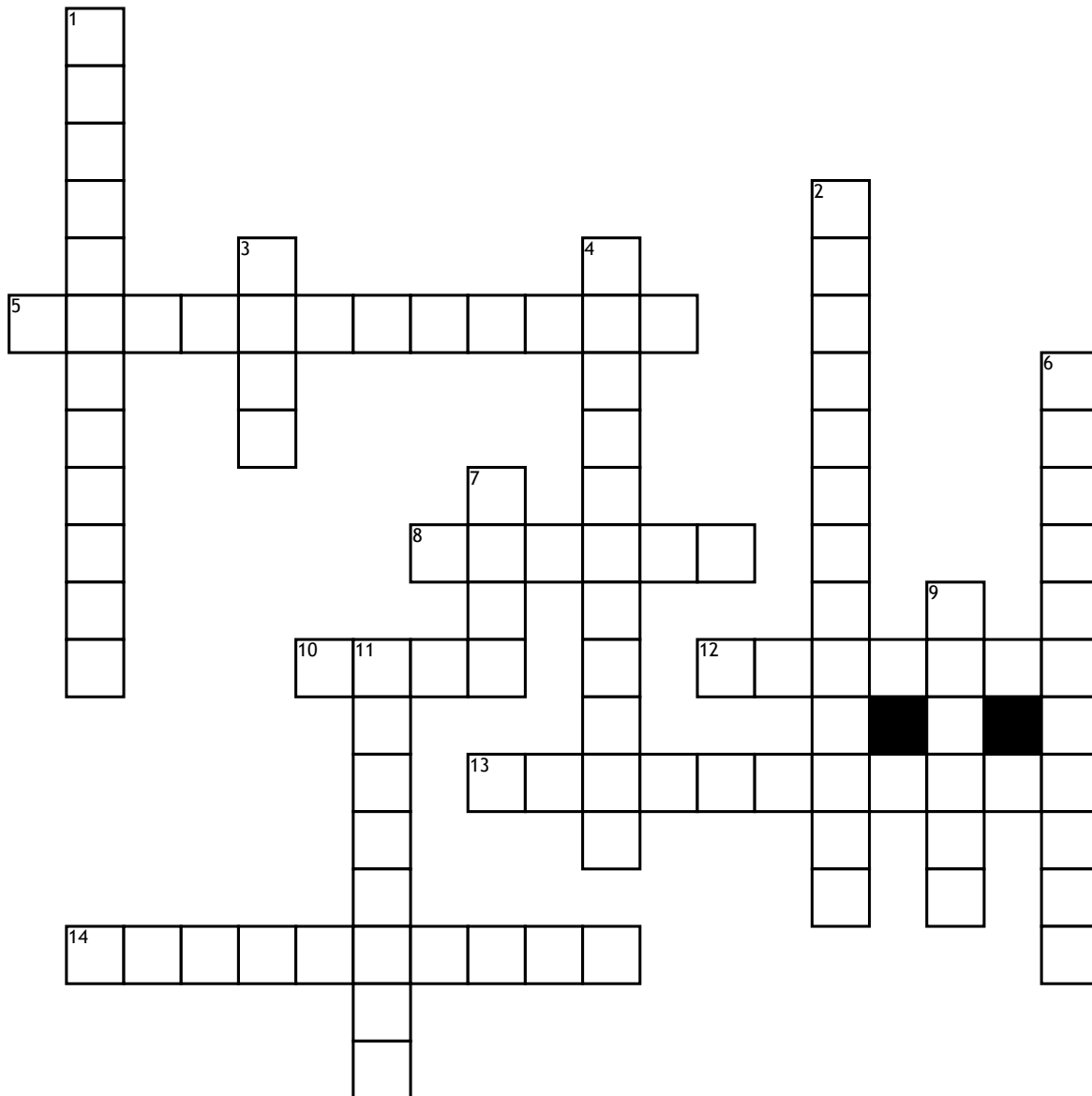


Name: \_\_\_\_\_

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

# Nucleic acids



## Across

5. Openings in the nuclear membrane that allow mRNA to leave the nucleus.

8. Nitrogenous base found only in RNA molecules.

10. A nucleic acid that carries amino acids to the ribosome for protein synthesis.

12. The bonds formed between amino acids.

13. A sugar molecule found in a nucleotide of DNA

14. A bar code pattern formed from DNA.

## Down

1. A sudden change in the sequence/order of nitrogenous bases of a nucleic acid.

2. The stage of protein synthesis during which mRNA forms from DNA.

3. A section of a DNA molecule that codes for a specific characteristic.

4. The process by which a DNA molecule makes identical copies of itself

6. The natural shape of a DNA molecule.

7. The type of RNA containing anticodons.

9. The type of sugar found in a RNA molecule.

11. The organelle in the cytoplasm which is the site of protein synthesis.