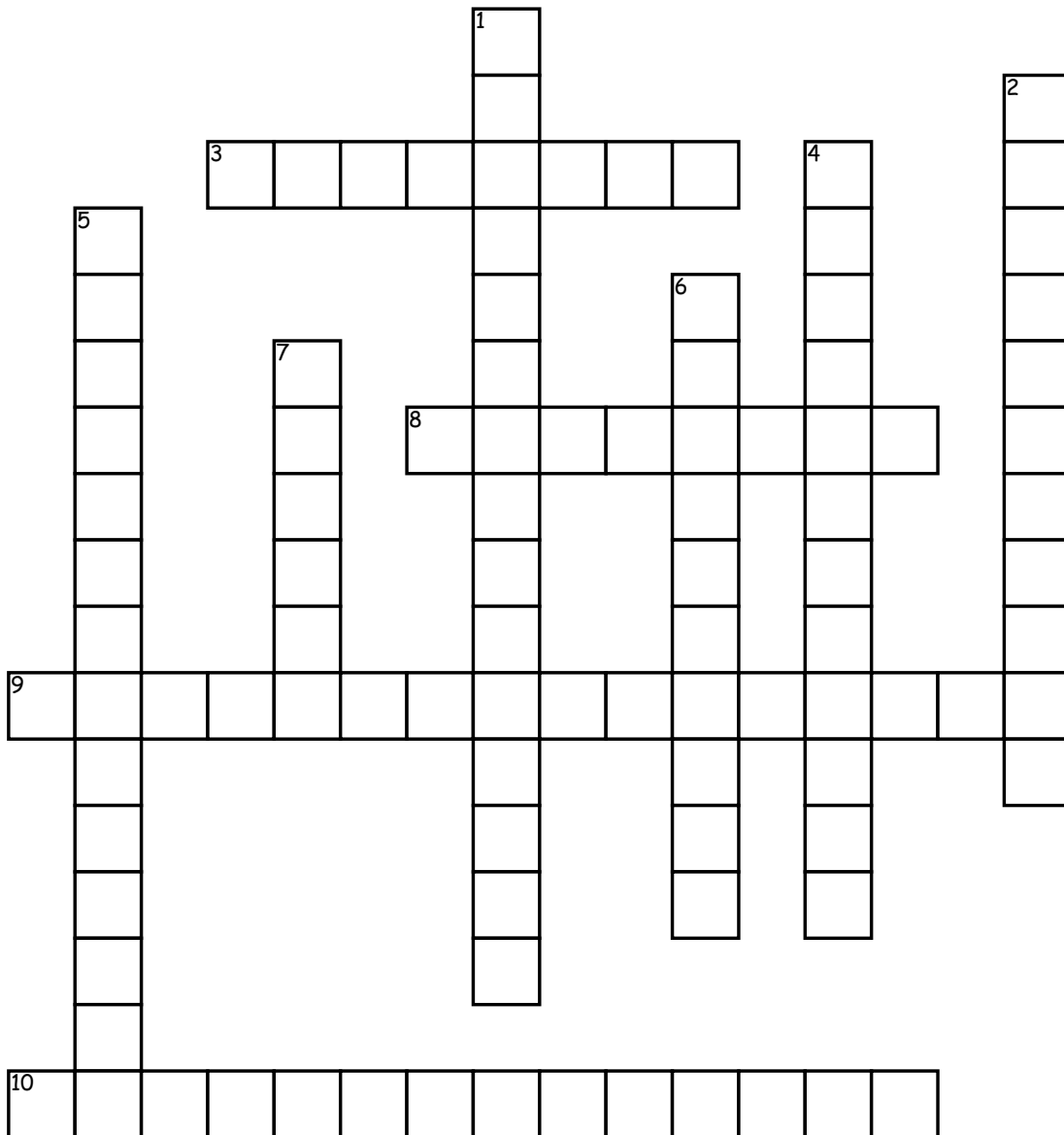


DNA



Across

3. the changing of the structure of a gene
8. Enzymes that bind and may even remodel nucleic acid or nucleic acid protein complexes
9. Individual amino acids are connected to each other in a specific order dictated by the nucleotide sequence in DNA
10. Is the process by which a double-stranded DNA molecule is copied to produce two identical DNA molecules.

Down

1. Simply a nitrogen containing molecule that has the same chemical properties as a base.

2. A sugar derived from ribose by replacing a hydroxyl group with hydrogen

4. The order of nucleotide bases in a DNA molecule. Length is usually defined as the number of base pairs

5. This process of bacterial cell 2 taking up new genetic

6. A compound consisting of a nucleoside linked to a phosphate group

7. A substituted derivative of this, especially the bases adenine and guanine present in DNA and RNA.