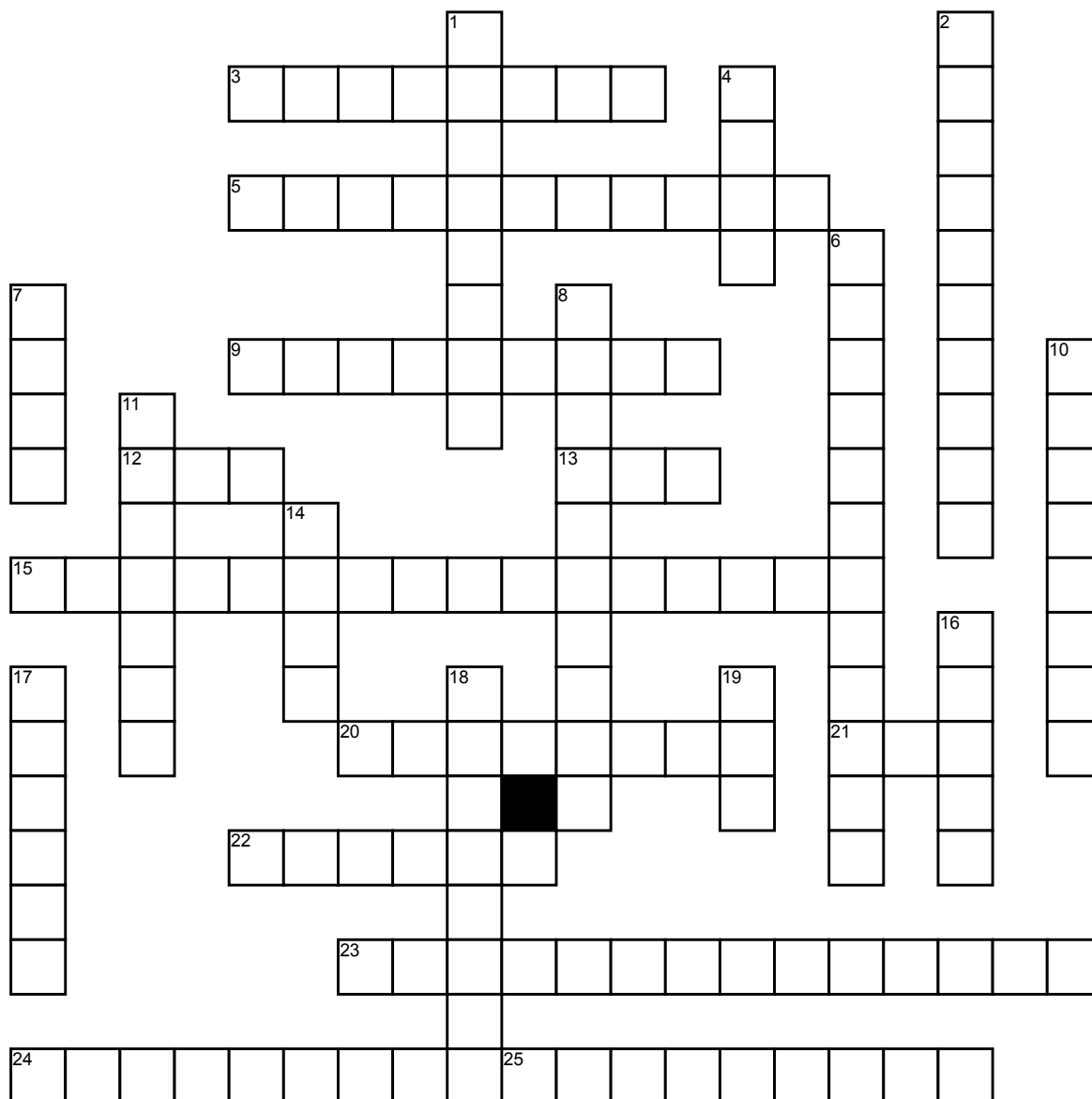


Name: _____ Date: _____ Period: _____

Biology Crossword Puzzle



Across

3. A substance made of the joined atoms of two or more different elements.
 5. A long chain of smaller molecules called nucleotides.
 9. The building blocks of proteins.
 12. A polymeric molecule essential in various biological roles in coding, decoding, regulation, and expression of genes.
 13. An atom or molecule that has gained or lost one of more electrons.
 15. The energy needed to start a chemical reaction.
 20. A mixture in which one or more substances are evenly distributed in another substance.
 21. A single nucleotide with two extra energy-storing phosphate groups.

22. Substances that increase the speed of chemical reactions.
 23. Single sugar building blocks of carbohydrates.
 24. A group of atoms held together by covalent bonds.
 25. A substance on which an enzyme acts during a chemical reaction.

Down

1. An attraction between substances of the same kind.
 2. Organic molecules that serve as the monomers of nucleic acids.
 4. Compounds that form hydrogen ions when dissolved in water.
 6. Organic compounds made of carbon, hydrogen, and oxygen atoms.
 7. The smallest unit of matter that cannot be broken down by chemical means.

8. Pockets formed from a large protein with one or more deep folds on its surface.
 10. An attraction between different substances.
 11. Usually a large molecule formed by linked smaller molecules called amino acids.
 14. Compounds that reduce the concentration of hydrogen ions in a solution.
 16. Nonpolar molecules that are not soluble or mostly insoluble in water.
 17. The ability to move or change matter.
 18. A pure substance made of only one kind of atom.
 19. A molecule that carries the genetic instructions used in the growth, development, functioning and reproduction of all known living organisms and many viruses.