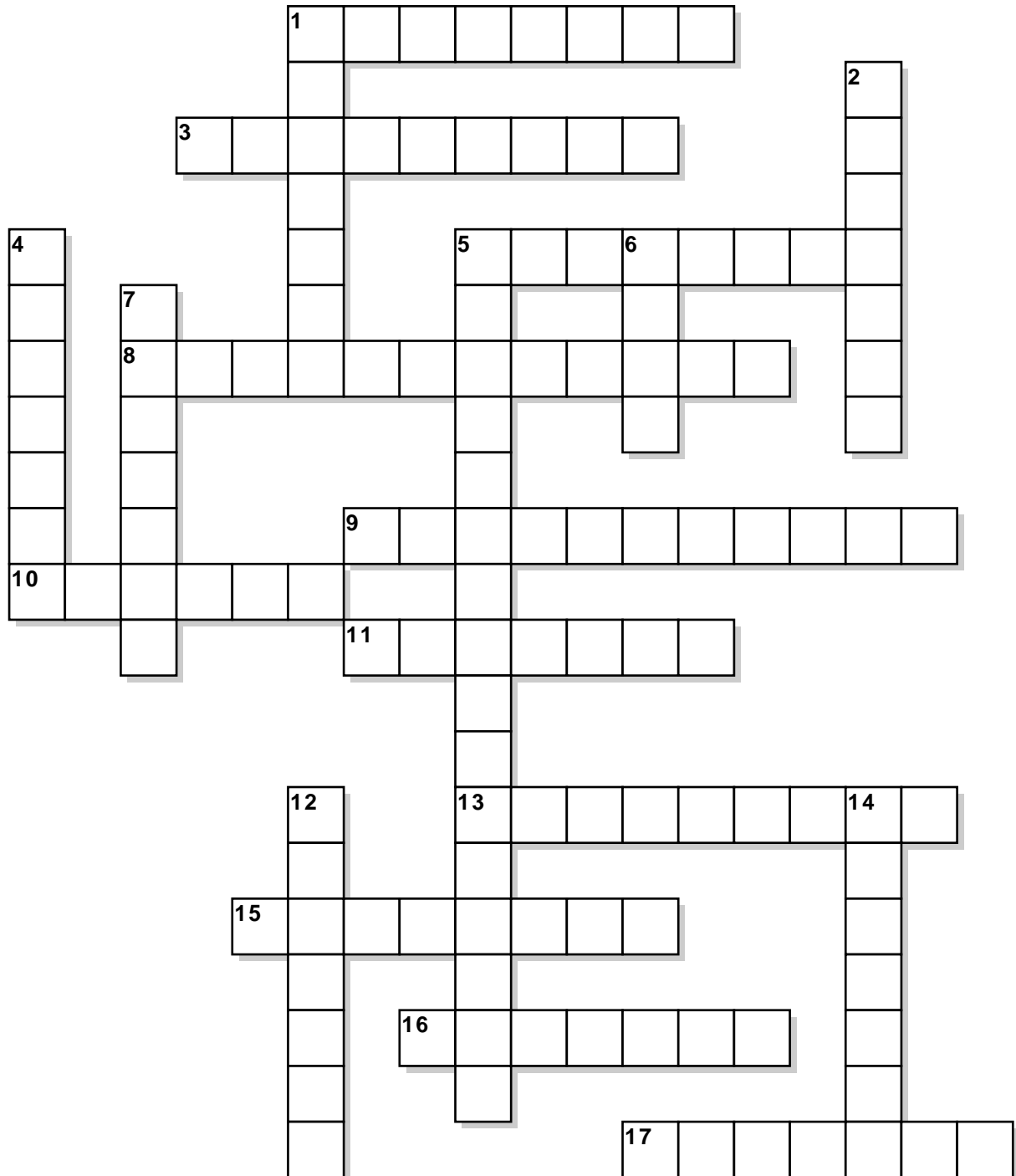


Biology Crossword Puzzle 2-2



Across

- 1 Smallest unit of most compounds that displays all the properties of that compound.
- 3 Chemical bond formed when one or more electrons are transferred from one atom to another.
- 5 Substance that speeds up the rate of a chemical reaction.
- 8 Weak attraction between a hydrogen atom and another atom.
- 9 Macromolecules containing hydrogen, oxygen, nitrogen, carbon, and phosphate.
- 10 Substance that is dissolved in a solution.
- 11 Dissolving substance in a solution.
- 13 Compound with an amino group on one end and a carboxyl group on the other end.
- 15 Type of mixture in which all the components are evenly distributed.
- 16 Molecules composed of many monomers; makes up macromolecules.
- 17 Pure substance that consists entirely of one type of atom.

Down

- 1 Small chemical unit that makes up a polymer.
- 2 Macromolecule that contains carbon, hydrogen, oxygen, and nitrogen; needed by the body for growth and repair.
- 4 The center of an atom which contains the protons and neutrons.
- 5 Process that changes, or transforms, one set of chemicals into another set of chemicals.
- 6 The basic unit of matter.
- 7 Scale with values from 0 to 14, used to measure the concentration of H^+ ions in a solution; pH of 0-7 is acidic, a pH of 7 is neutral, and a pH of 7-14 is a base.
- 12 Elements or compounds produced by a chemical reaction.
- 14 One of several forms of a single element, which contains the same number of protons but different numbers of neutrons.

Possible Answers:

amino acid, atom, catalyst, chemical reaction, element, hydrogen bond, ionic bond, isotope, molecule, monomer, nucleic acid, nucleus, pH scale, polymer, product, protein, solute, solution, solvent