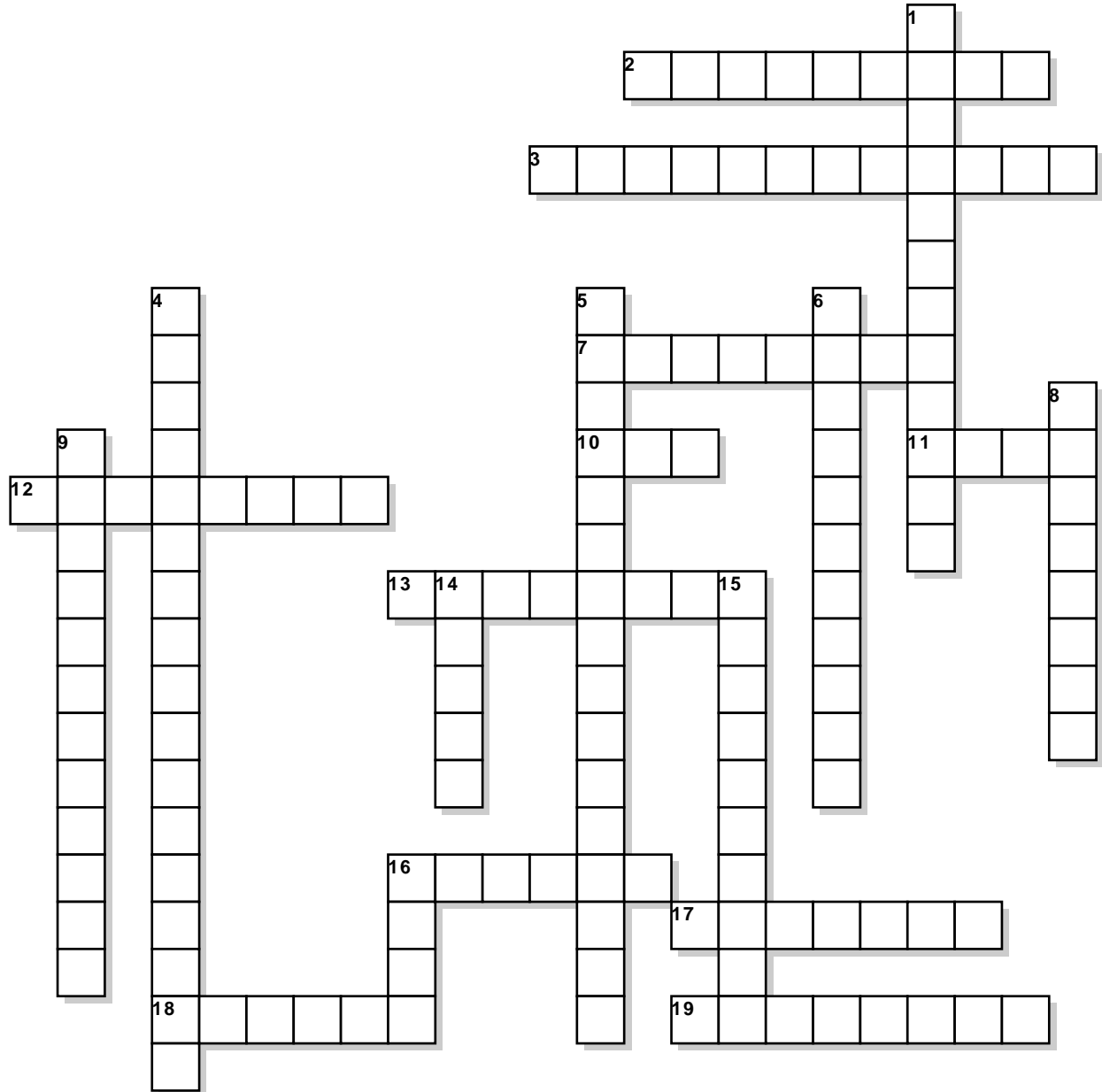


Biology Crossword Puzzles 2-1



Across

- 2 Reactant of an enzyme-catalyzed reaction.
- 3 Type of bond between atoms in which the electrons are shared.
- 7 Substance formed by the chemical combination of two or more elements in definite proportions.
- 10 Atom that has a positive or negative charge.
- 11 Compound that forms hydrogen ions (H^+) in solution; a solution with a pH of less than 7.
- 12 Attraction between molecules of the same substance.
- 13 Negatively charged particle; located in the space surrounding the nucleus.
- 16 Compound that prevents sharp, sudden changes in pH.
- 17 Material composed of two or more elements or compounds that are physically mixed together but not chemically combined.
- 18 Protein catalyst that speeds up the rate of specific biological reactions.
- 19 Elements or compounds that enter into a chemical reaction.

Down

- 1 Compound made up of carbon, hydrogen, and oxygen atoms; type of nutrient that is the major source of energy for the body.
- 4 Slight attraction that develops between oppositely charged regions of nearby molecules.
- 5 Energy that is needed to get a reaction started.
- 6 Mixture of water and non-dissolved material.
- 8 Force of attraction between different kinds of molecules.
- 9 Simple sugar molecule.
- 14 Macromolecule made mostly from carbon and hydrogen atoms; includes fats, oils, and waxes.
- 15 Subunit of which nucleic acids are composed; made up of a 5-carbon sugar, a phosphate group, and a nitrogenous base.
- 16 Compound that produces hydroxide ions (OH^-) in solution with a pH of more than 7.

Possible Answers:

acid, activation energy, adhesion, base, buffer, carbohydrate, cohesion, compound, covalent bond, electron, enzyme, ion, lipid, mixture, monosaccharide, nucleotide, reactant, substrate, suspension, van der Waals forces