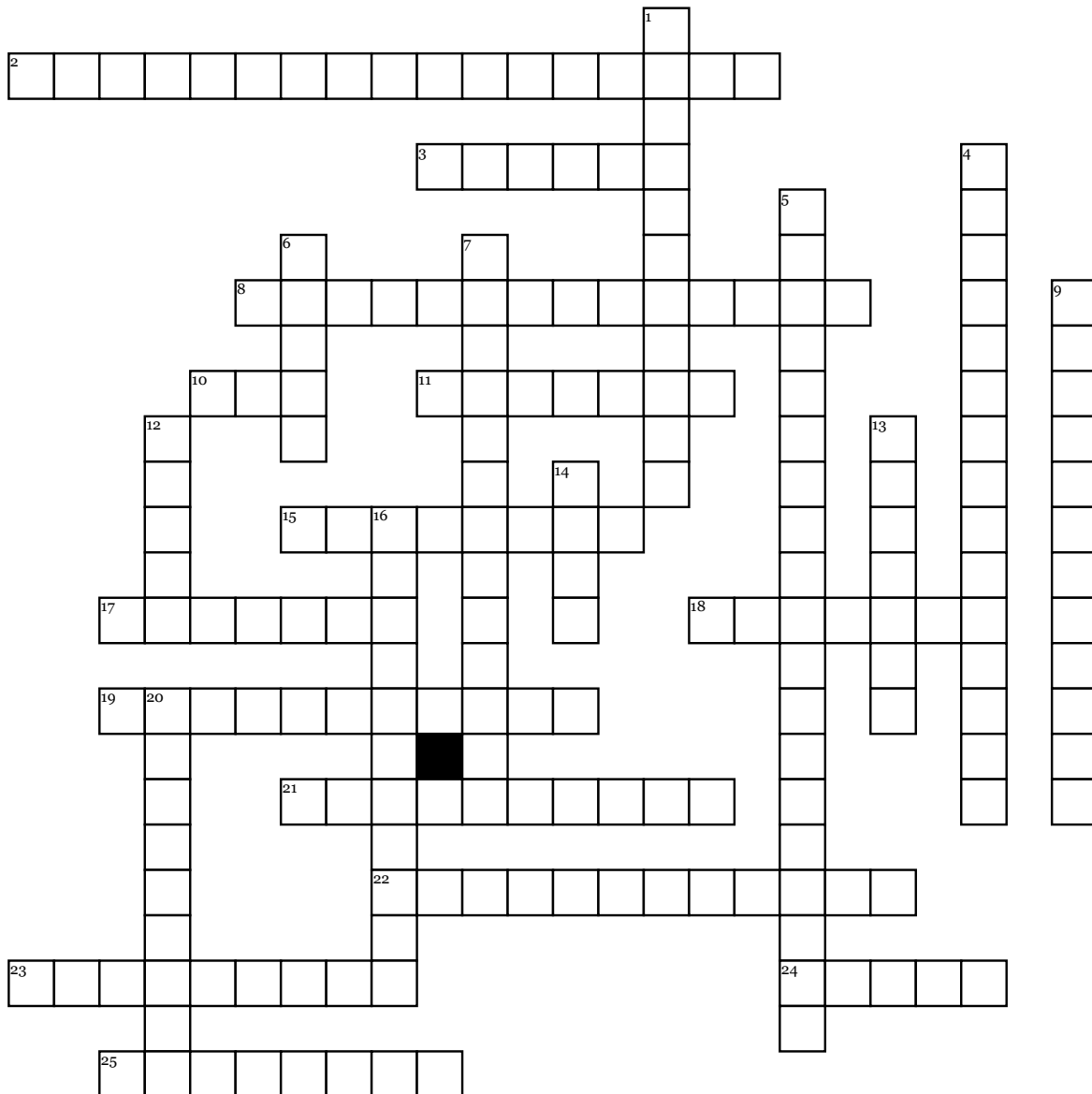


# Biomolecule Menu



**Across**

- 2. The variable whose value is measured to determine the extent of the effect of another variable to it, as in an experiment.
- 3. A chemical produced by cells to generally speed up specific chemical reaction.
- 8. A simple sugar that constitutes the building blocks of a more complex form of sugars.
- 10. It is kept "safe" in the nucleus or nucleoid region.
- 11. A biomolecule composed of polymers of amino acids joined together by peptide bonds.
- 15. They are molecules in which the bonds are equal because the electrons are shared equally.
- 17. Any substances containing carbon based compounds, especially produced by or derived from living organism.
- 18. A molecule that can be bonded to other identical molecules to form a polymer.

- 19. Any numerous substances that are produced by cells and living organisms.
- 21. A compound made up of a nucleoside linked to a phosphate group.
- 22. An organic compounds made up of carbon, hydrogen and oxygen.
- 23. The building block of protein and is linked together through peptide bonds.
- 24. A fatty or waxy organic compound that is soluble in nonpolar solvent but not in polar solvent
- 25. Process modifying the molecular structure of protein.

**Down**

- 1. The act of attentive watching, perceiving, or noticing.
- 4. Many sugars linked together.
- 5. The variable that is manipulated in an experiment.

- 6. A chemical species in which the distribution of electrons between the covalently bonded atoms is not even.
- 7. A large complex molecule, such as nucleic acids, proteins, carbohydrates, and lipids.
- 9. A lipid made up of a glycerol bound of two fatty acids and a phosphate group.
- 12. Used especially by organisms to store energy.
- 13. They are formed from individual units called monomers.
- 14. A subgroup of compounds known as lipids that are found in the body and have the general property of being hydrophobic.
- 16. A complex organic substance present in living cells, especially DNA or RNA.
- 20. The logical process of passing from observation and axioms to generalizations.