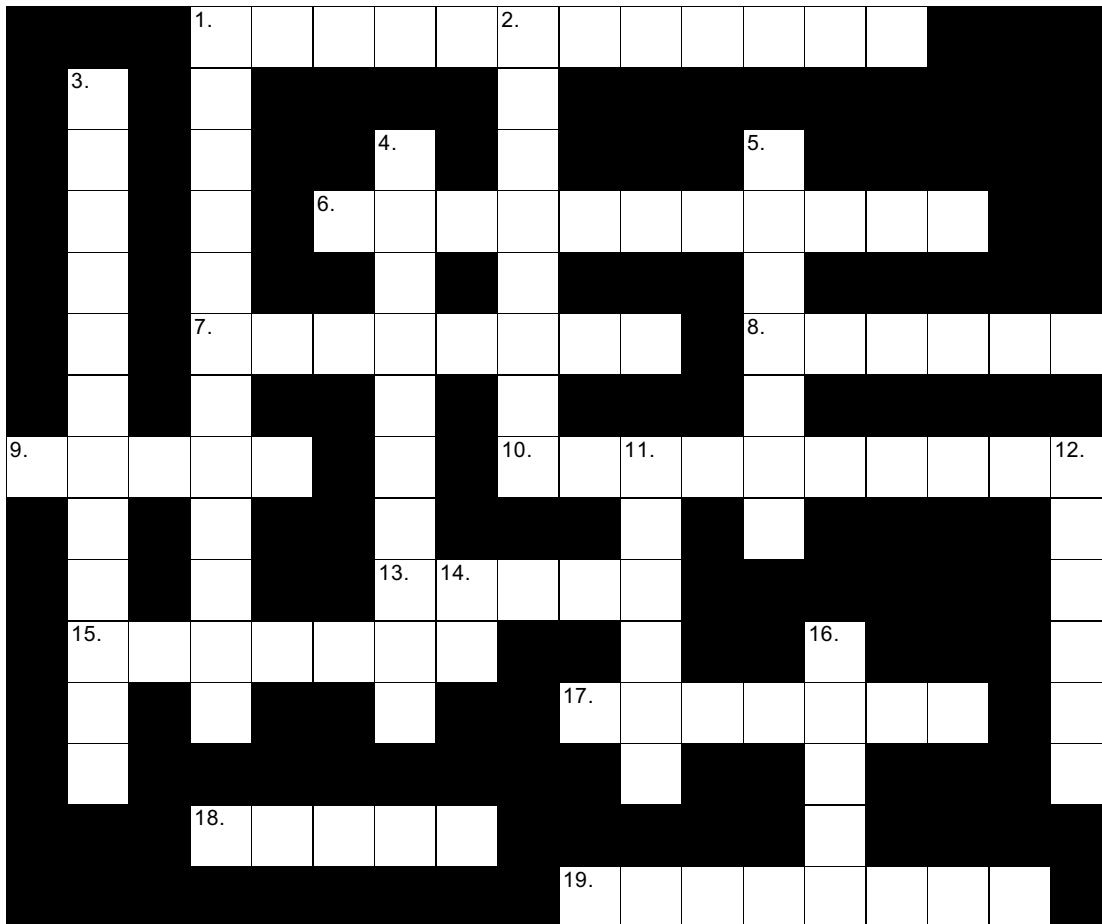


Name: _____

**ACROSS**

1. Polymer of monosaccharides; polysaccharide
6. Doesn't mix with water; "water fearing"
7. 7th element; important atom in "amino" group
8. 8th element; atom found in water molecule
9. A molecule whose charge is unevenly distributed is said to be a _____ molecule.
10. Nucleic acids are chains of this monomer.
13. Sucrose and fructose are examples of this.
15. A polymer made up of amino acids.
17. A chain of monomers is called a _____.
18. A molecule essential for life as we know it. Its molecular formula is H₂O.
19. Functional group –OH, important in alcohols.

DOWN

1. Type of reaction where monomers become chained together and water is liberated.
2. 1st element; most common element in living systems.
3. Phosphate + two fatty acids; major component of membranes.
4. Opposite reaction of *1 down*.
5. Single unit of a polymer.
11. 6th element; impt. part of "organic" molecules
12. Protein that catalyzes reactions; said to fit its substrate molecule(s) like a lock & key.
14. United Nations (abbreviation)
16. Functional group –NH₂, important in proteins.