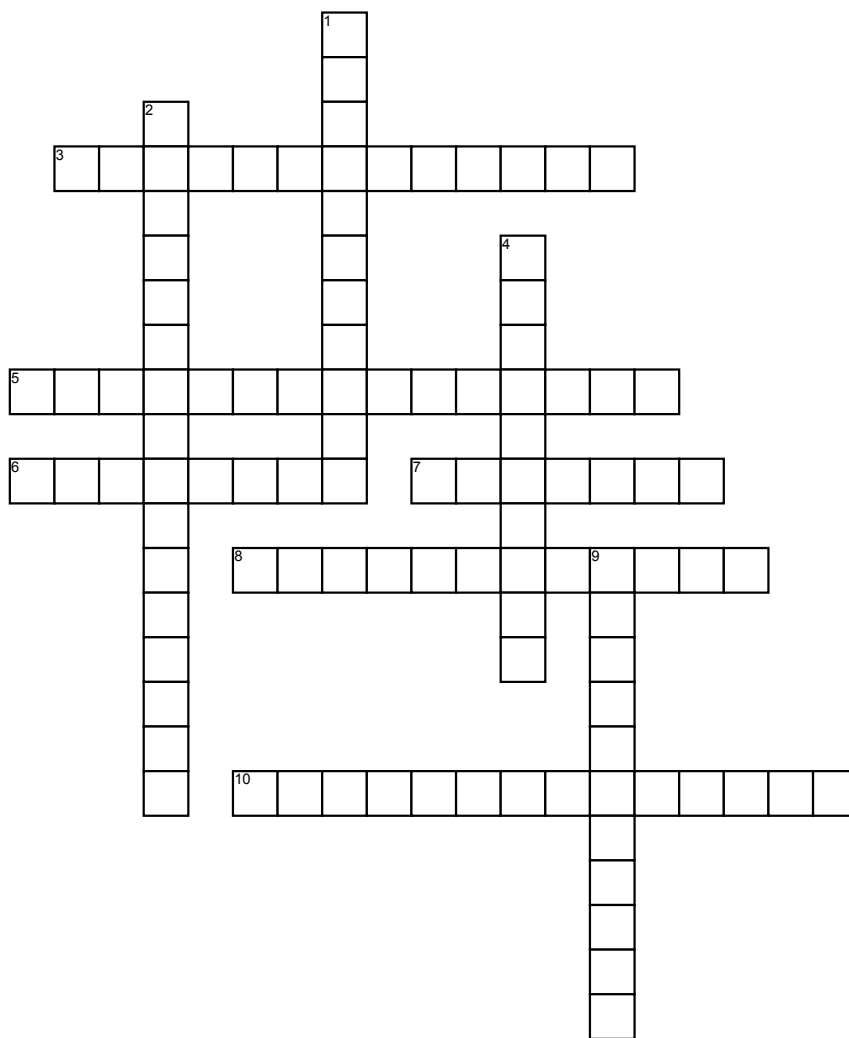


BIOCHEMISTRY



Across

3. Readily forms four covalent bonds with other elements
5. A cluster of atoms that influences the characteristics of the molecules they compose
6. Many carbon compounds are built from smaller molecules called
7. A molecule that consists of repeated linked units
8. Monomers form polymers during a chemical reaction

10. Large polymers

Down

1. Represented by two parallel lines--indicates that atoms share two pairs of electrons
2. Compounds that contain mostly carbon atoms
4. Water is used to break down a polymer
9. Represented by three parallel lines--indicates that atoms share three pairs of electrons

Word Bank

CONDENSATION

POLYMER

MACROMOLECULES

ORGANIC COMPOUNDS

CARBON BONDING

DOUBLE BONDS

HYDROLYSIS

MONOMERS

TRIPLE BONDS

FUNCTIONAL GROUP