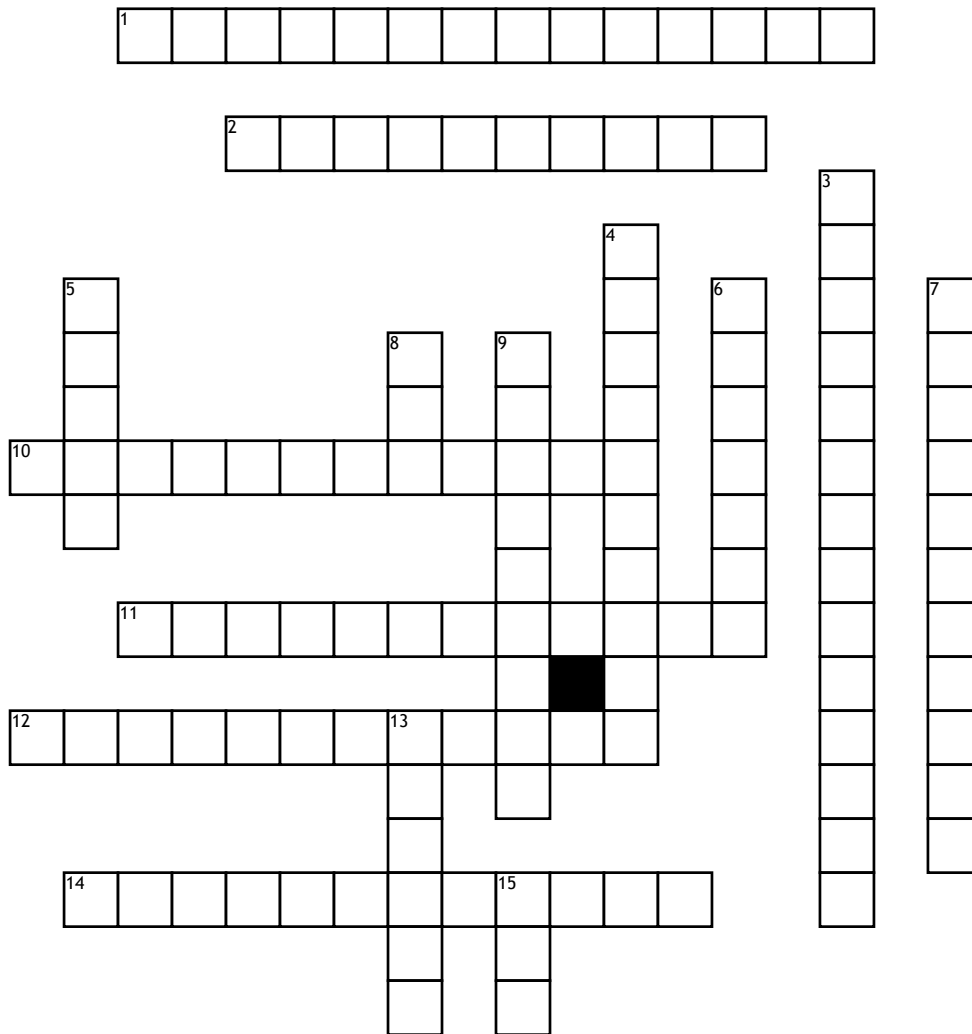


Name: _____

Date: _____

Macromolecules



Across

1. A polymer of many monosaccharides; formed by dehydration synthesis
 2. Chemical reaction that breaks bonds between two molecules by adding water
 10. Two monosaccharides joined by a glycosidic linkage; formed by a dehydration reaction
 11. When a protein loses its natural shape due to disruption of the chemical bonds

Word Bank

triglyceride

polysaccharide

nucleotide

RNA

protein

denaturation

monosaccharide

nucleic acid

12. Fat

14. Sugar

Down

3. The simplest carbohydrate
 4. Building block of a nucleic acid
 5. Any group of molecules that do not dissolve in water
 6. Macromolecule that consists of one or more chains of amino acids

7. Blueprint for proteins; DNA and RNA

8. deoxyribonucleic acid

9. Organic molecule containing a carboxyl and an amino group

13. A chemical agent that increases the rate of a reaction; catalyst

15. Ribonucleic acid

enzyme

disaccharide

DNA

hydrolysis

amino acid

lipid

carbohydrate