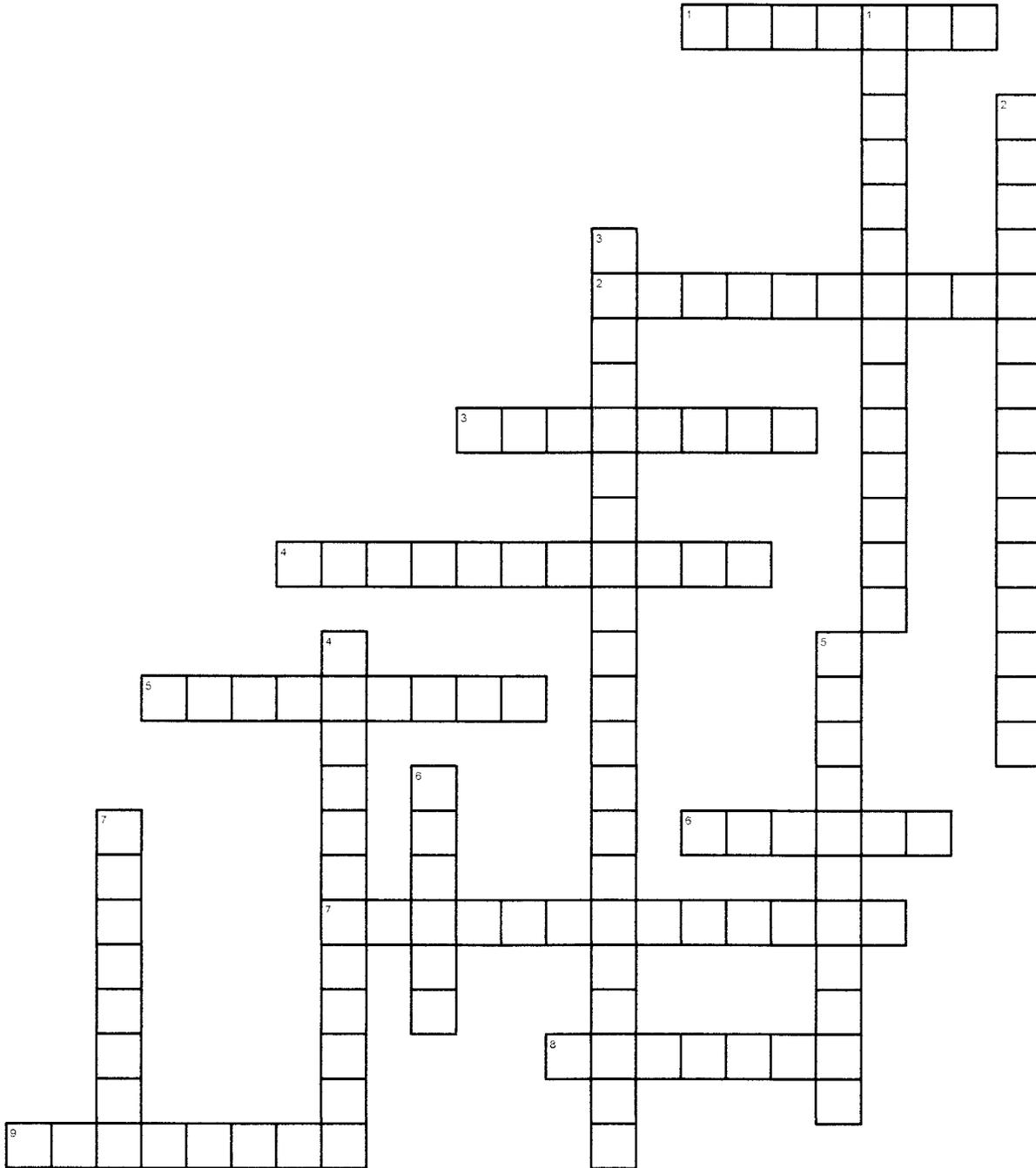


Crossword Puzzle - Biomolecules

Name: _____ Class: _____ Date: _____

Fill in the crossword puzzle by using the clues.



Across

1. _____ are proteins catalysts that speed up the rate of a chemical reactions in the body.
2. _____ are the building blocks/subunits of proteins.
3. _____ are macromolecules made os many monomers joined together.
4. _____ are the building blocks/subunits of nucleic acids.

5. _____ is a polysaccharide made of glucose units hooked together found in plant cell walls.
6. _____ are organic compounds commonly called fats and oils.
7. _____ are organic compounds used to store and release energy.
8. A _____ contains the elements carbon, hydrogen, oxygen and nitrogen and is composed of amino acids examples are insulin, hemoglobin and enzymes.
9. _____ are the small building blocks of polymers.

Down

1. A _____ is a simple one unit sugar such as glucose or fructose having the formula $C_6H_{12}O_6$
2. _____ are the largest carbohydrate molecules, they are polymers composed of many monosaccharides linked together for example starch, glycogen and cellulose.
3. _____ are the building blocks/subunits of lipids which are arranged in the shape of a letter E.
4. _____ are macromolecules such as DNA and RNA.
5. A _____ links amino acids together.
6. _____ is a polysaccharide consisting of highly branched chains of glucose units used as food storage in plants
7. _____ is a polysaccharide with highly branched chains of glucose units, used by animals as a food store.

Select your answers from the following words:

Monomers	Lipids	Glycogen	Nucleic acids
Polymers	Cellulose	starch	protein
Fatty acids and glycerol	carbohydrates	polysaccharides	Enzymes
Amino acids	monosaccharide	Nucleotides	peptide bond