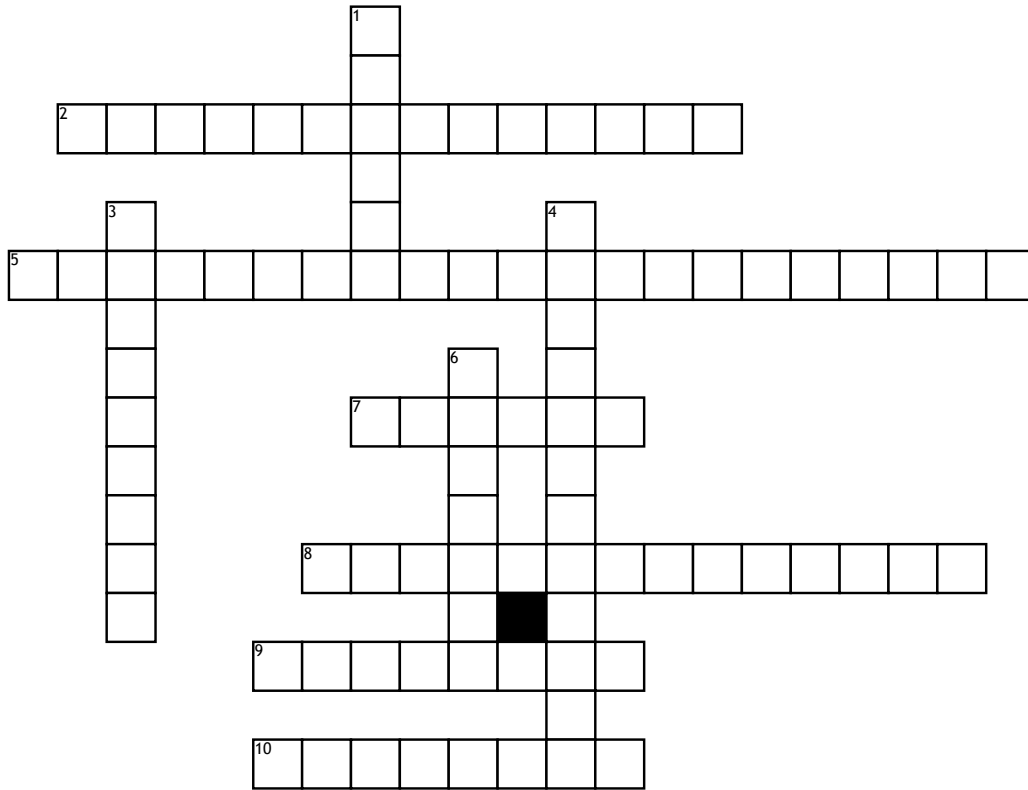


Carbohydrates



Across

2. Covalent bond formed between two monosaccharides by a dehydration reaction.
5. One of the most important compounds that cells use to store and release energy is _____
7. _____ comprises of monomers that are joined by α 1-4 or α 1-6 glycosidic bonds.
8. _____ are simplest sugars and serve as the building blocks of larger molecules.
9. Glucose, galactose, and fructose are _____ monosaccharides.

10. The main storage form of glucose. It provides provide energy during prolonged exercise to the muscles.

Down

1. Polymer made of modified sugars that is also found in the external skeleton.
3. Polysaccharide that is the chief constituent of all plant tissues and fibers.
4. A _____ is a double sugar formed when two monosaccharides are joined via dehydration synthesis.
6. Disaccharide consisting of glucose and galactose and is found naturally in milk.

Word Bank

disaccharide

Cellulose

Monosacchrides

Chitin

Starch

Adenosine triphosphate

Glycosidic bond

Lactose

Glycogen

Isomeric