

Date _____
Chemistry of Life HW

Name _____
Section _____

Answer the following questions.

1. The purest form of matter that is made of only one type of atom is called an _____ . The periodic table is a list of all of them.
2. A _____ is made of two or more different atoms chemically combined. Three examples are _____ .
3. The three elements that make up a molecule of glucose (sugar) are _____ .
4. The chemical formula for water is _____ .
5. Proteins are made of _____ .
6. _____ are used to help build and repair body structures.
7. A protein that helps to speed up chemical reactions is called an _____ .
8. _____ are compounds that are used as a source of energy. Two examples are _____ and starch.
9. The cell membrane is made up of _____ .
10. _____ are used to store energy.
11. _____ are molecules that store important information. Two examples of nucleic acids are _____ .

Word Bank:

DNA & RNA Carbon, Hydrogen & Oxygen element lipids
water, carbon dioxide & glucose amino acids sugar
carbohydrates compound H₂O proteins nucleic acids
phospholipids enzyme