

Molecules of Life Worksheet

1. Name the **4 main classes** of macromolecules (organic molecules) & tell what **3 elements** all of these contain.

Carbohydrates store energy for organisms!

2. In what ratio are hydrogen & oxygen atoms in carbohydrates?

3. In what 3 forms do carbohydrates exist?

4. What are the **monomers** of carbohydrates called? What is their **common name**? Give the **ratio** of carbons, hydrogens, & oxygens.

5. Name the 3 **MOST** common monosaccharides. How do they **compare**? Write the **chemical formula** for all three.

6. Because all 3 simple sugars have the same chemical formula, but different structural formulas, they are called _____.

7. What are double sugars called? **Name & describe** the process