

Carbon and Carbohydrate Review Worksheet



Name: _____ Period: _____ Date: _____

Directions: For each of the following statements, write true or false.

- _____ 1. The formula for all carbohydrates is $C_6H_{12}O_6$
- _____ 2. Carbon atoms can bond together in straight chains, branched chains, or rings.
- _____ 3. Isomers are compounds with the same simple formula but different three-dimensional structure.
- _____ 4. Large molecules containing carbon atoms are called micromolecules.
- _____ 5. Milk sugar is the common name for maltose.

Directions: Write each name or formula under the correct heading. Use these items:

Sucrose

Glucose

Starch

$C_6H_{12}O_6$

Cellulose

Maltose

Fructose

$C_{12}H_{22}O_{11}$

Galactose

Lactose

Glycogen

	<u>Monosaccharide</u>
1.	
2.	
3.	
4.	

	<u>Disaccharide</u>
5.	
6.	
7.	
8.	

	<u>Polysaccharide</u>
9.	
10.	
11.	