

## 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**

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

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

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