CP Biology Worksheet - Carbohydrates

1. What is a carbohydrate?

2. What types of atoms make up sugars?
3. How does the number of H atoms in a simple sugar compare to the number of O and C atoms?

4. What is the simplest type of carbohydrate?

5. What suffix is found at the end of sugar names?

6. Name two examples of monosaccharides.

7. How are sugars used in a cell?

8. What is a disaccharide?

9. What is the most common disaccharide?
10. What is a polysaccharide?

11. Fill in the chart below for the three most commonly occurring polysaccharides:

Polysaccharide	Monomer	Type of organism in which it is found	Function

12. What would you expect to get if you completely hydrolyze (perform hydrolysis on) the following:

A) a starch molecule C) a glycogen molecule