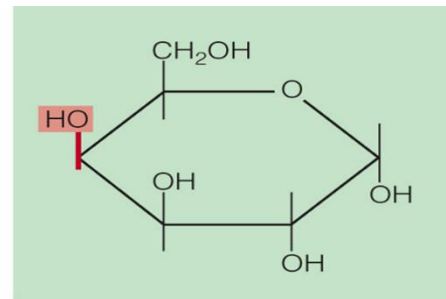
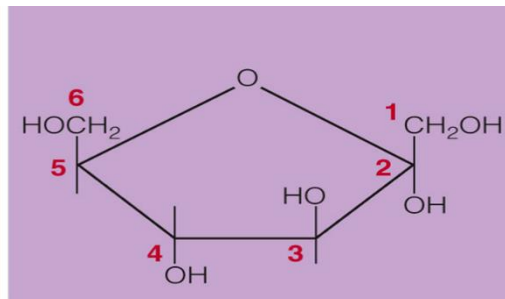
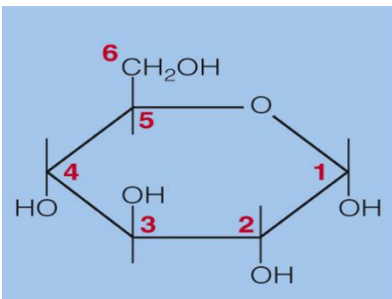


Name: _____

Pd: _____

Carbohydrates Worksheet

- Organic molecules all contain the element _____.
- What element(s) are in carbohydrates? _____
- Plants use this polysaccharide to make their cell walls. _____
- True or False Carbohydrates are joined together by peptide bonds.
- True or False A disaccharide is an example of a carbohydrate.
- True or False Monosaccharides are made of polysaccharides.
- True or False Monosaccharides have to be broken down many times during digestion.
- True or False Polymers are made of monomers.
- True or False Polysaccharides are the simplest form of carbohydrates
- _____ Carbohydrates provide quick/instant energy while _____ carbohydrates provide long term energy.
- _____ is the most common type of Carbohydrate in our diets. (Found in bread/potatoes)
- Give an example of a type of monosaccharide _____
 - What food can this be found in? _____
- Give an example of a type of polysaccharide _____
 - What food can this be found in? _____
- What is the chemical formula for all monomers of carbohydrates? _____
- Label the three monosaccharides in the pictures below.
 - Are these monomers or polymers? _____
 - What characteristics determines which monosaccharide it is? _____
 - The three monosaccharides below have the same chemical formula, but different shapes, so they are known as _____.



- The chemical combination of two simple sugar molecules makes sucrose which is a common: _____
- Starches are to Monosaccharides as Polymers are to _____.

18. Draw a glycogen molecule. Be sure to label the elements/atoms.

a. What is its purpose? _____

b. Where is it stored? _____

19. Draw a starch molecule. Be sure to label the elements/atoms.

a. What type of organisms store lots of starch? _____

Carbohydrate Levels of Organization

Monomer: _____



Example	Found in (food)

"In-Between" _____



Example	Found in (food)

Polymer _____

Example	Found in (food)