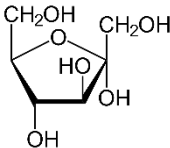
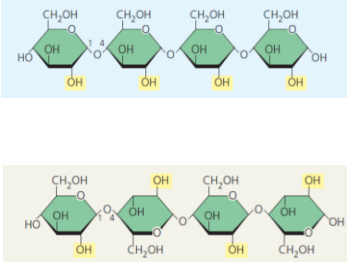
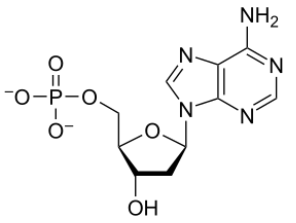
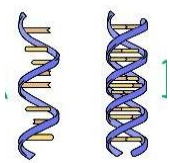


Ch. 3 – Biomolecule Cheat Sheet

H. BIO

Macromolecule	Elements Present	Monomer(s)Name and diagram	Polymer(s) Name(s)/Diagram	Specific Molecule Name and Their Function
<u>Carbohydrates</u>				
<u>Lipids</u>		Hint: There are TWO common building blocks in most lipids (*excludes steroid hormones*)	Compare Unsaturated vs. Saturated	

<u>Proteins</u>		$\begin{array}{c} \text{R} \\ \\ \text{H}-\text{N}-\text{C}-\text{C}(=\text{O})\text{OH} \\ \\ \text{H} \end{array}$ Molecule Name Examples:	List/sketch the levels of folding: - - - - 	
<u>Nucleic Acids</u>			Molecule Examples: 	(Function only)

1) What type of reaction joins monomers to form a polymer? Diagram a general sketch of this reaction AND one specific reaction (choose either proteins or carbs) (See page 36 in text)

2) What type of reaction breaks polymers into monomers? Diagram a general sketch of this reaction AND one specific reaction (choose either proteins or carbs):