**Basic Chemistry Review**

Why is matter important?

What is matter made of?

What are the most common elements in the body and their mass percents?

What is a molecule?

Example:

Chemical Formulas:

* Symbols represent individual elements and subscripts represent how many atoms of an element there are in a compound
* Example: CO2 = 2 oxygen atoms and 1 carbon atom

What is a macromolecule?

* Macro =
* Molecule =
* Macromolecule=

Why are macromolecules important?

Monomers=

Polymer=

4 main macromolecules in living organisms:

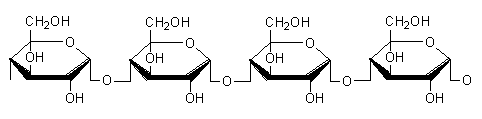
**Carbohydrates**

Functions:



Monomer=

Made of these elements:

Structure: 

Monosaccharide:

Disaccharide:

Polysaccharide:

How can you tell from the name it is a sugar?

Examples of carbohydrates:

**Lipids**

Examples of lipids:

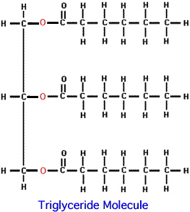
Functions:



Monomer=

Made of these elements:

Structure:



Parts of a lipid: