

You should be able to identify the organic molecules pictured as belonging to the following categories and subcategories: (also know whether each lipid or carbohydrate is primarily hydrophilic or hydrophobic)

**LIPIDS**

- saturated fatty acid
- monounsaturated fatty acid
- polyunsaturated fatty acid
- phospholipid
- triglyceride
- steroid

**CARBOHYDRATES**

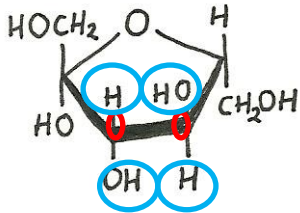
- monosaccharide
- disaccharide

**AMINO ACIDS**

**NUCLEOTIDES**

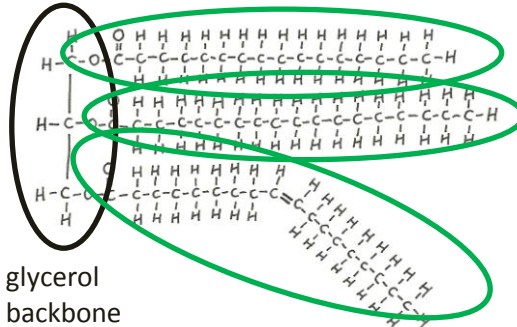
**ATP**

many carbons with -H and -OH



monosaccharide

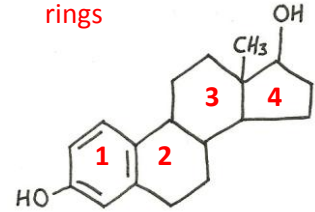
THREE fatty acids



glycerol backbone

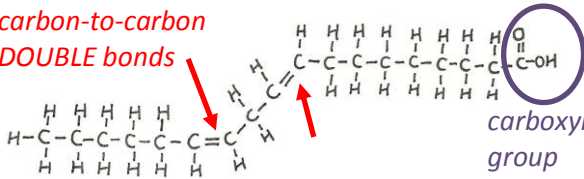
triglyceride

notice the four connected rings

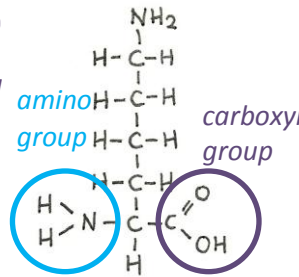


steroid

notice the TWO carbon-to-carbon DOUBLE bonds

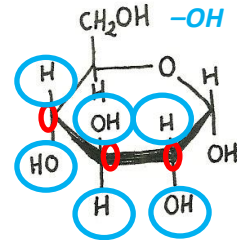


polyunsaturated fatty acid



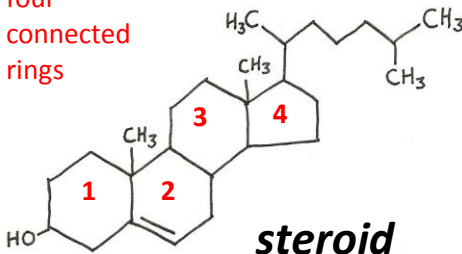
amino acid

many carbons with -H and -OH



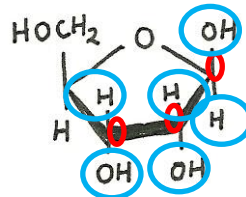
monosaccharide

notice the four connected rings

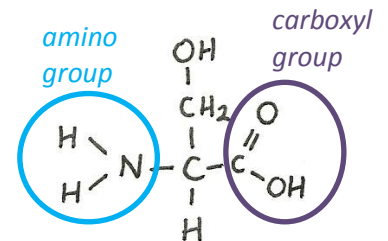


steroid

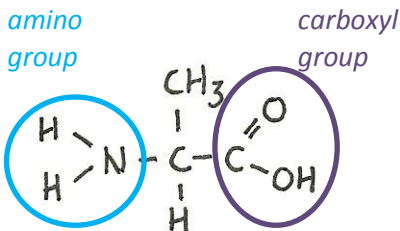
many carbons with -H and -OH



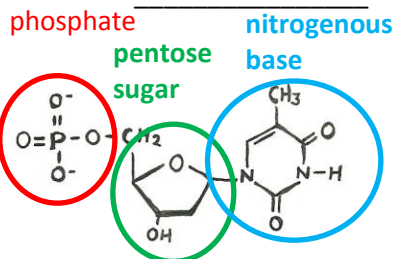
monosaccharide



amino acid

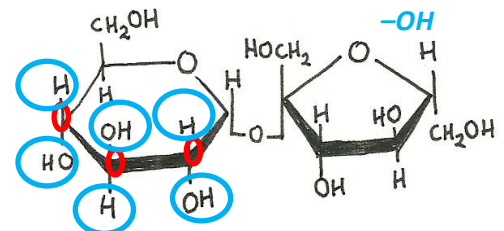


amino acid



nucleotide

many carbons with -H and -OH



disaccharide