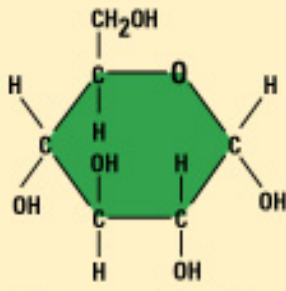
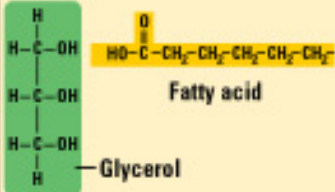
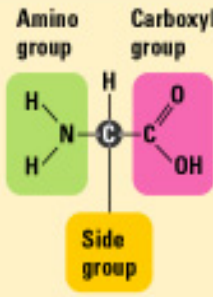
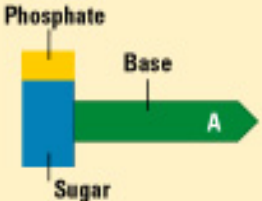


# Review of Biological Molecules

Biological macromolecule	Function	Monomer	Examples
<b>Carbohydrates</b>	Dietary energy; storage; plant structure	 <p>Monosaccharide</p>	<b>Monosaccharides:</b> glucose, fructose. <b>dissaccharides:</b> lactose, sucrose. <b>Polysaccharides:</b> starch, cellulose.
<b>Lipids</b>	Long-term energy storage (for fats); hormones (for steroids)	 <p>Glycerol</p> <p>Fatty acid</p> <p>Components of a fat molecule</p>	Fats, oils, steroids
<b>Proteins</b>	Enzymes, structure, storage, contraction, transport, etc.	 <p>Amino group</p> <p>Carboxyl group</p> <p>Side group</p> <p>Amino acid</p>	Lactase (an enzyme), hemoglobin
<b>Nucleic acids</b>	Information storage	 <p>Phosphate</p> <p>Sugar</p> <p>Base</p> <p>Nucleotide</p>	DNA, RNA