

Organic Compounds Review Chart

	<u>Monomers</u> (name and draw)	<u>Polymer</u> (name and draw)	<u>Functions and Importance</u>
Carbohydrates	<p><i>What is the name for carbohydrate monomers?</i></p> <p><i>How many different kinds of carbohydrate monomers are there?</i></p> <p><i>Draw and name two examples of carbohydrate monomers.</i></p>	<p><i>What is the name for carbohydrate polymers?</i></p> <p><i>How about the name for two monomers bonded together?</i></p> <p><i>Name the 3 types of carbohydrate polymers. Draw one example of a carbohydrate polymer.</i></p>	<p><i>Describe the function in general and the specific functions of the three major types of carbohydrate polymers.</i></p> <p style="text-align: center;"><u>Ratio of Elements</u></p>
Lipids (Fats)	<p><i>Name and draw the two monomers of lipids.</i></p>	<p><i>Name and draw a lipid polymer.</i></p>	<p><i>Give 4 functions.</i></p> <p style="text-align: center;"><u>Ratio of Elements</u></p>

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	<u>Monomer</u> (name and draw)	<u>Polymer</u> (name and draw)	<u>Function</u>
Proteins	<p><i>Name of monomers:</i></p> <p><i>How many different monomers are proteins made of?</i></p> <p><i>Name and draw two amino acids</i></p>	<p><i>Name of polymer:</i></p> <p><i>Draw a polymer of protein made from 3 different monomers. Label each monomer and name and label the bond between monomers.</i></p>	<p><i>List 5 functions of proteins and give an example of each.</i></p> <p style="text-align: center;"><u>Ratio of Elements</u></p>
Nucleic Acids	<p><i>Draw a nucleotide with a one-ring base and a nucleotide with a two-ring base. Label the three parts of a nucleotide.</i></p>	<p><i>Draw a nucleic acid polymer made of at least three monomer units.</i></p>	<p style="text-align: center;"><u>Ratio of Elements</u></p>

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