Name Key	Class	Date
Chapter 2 The Chemist	ry of Life	Section Review 2-3
Reviewing Key Concep	ts	
Carbohydrates, lipids, nuclei Carbohydrate 1. the ma Protein 2. help ca Lipid 3. import Nucleic acid 4. contain and car Protein 5. transport	in source of energy for living things arry out chemical reactions ant parts of biological membranes a hydrogen, oxygen, nitrogen, phosphora bothous both substances in and out of cells	15,
Corhohydrafe 7. sugar a Nucleic aciol 8. store ar		
 Lipids are made up of fa Glucose, galactose, and fa Sugars The two basic kinds of mand RNA Proteins A fatty acid with the maxis	ucleic acids are	
variety of molecules that carbon have that explain	other element can form the amount and carbon can form. What characteristics d this characteristic?	
How are plastics similar t	ting Plastics are synthetic, organic polyr to polysaccharides? How are they different	

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Macromolecules

	P. L. C.
1.	Tolymets are formed by polymerization, large compounds built by joining smaller ones together.
	AND THE COLUMN
2.	All macromolecules contain the element <u>CCur bon</u> .
3.	The word mono- means <u>One</u>
4.	Proteins and nucleic acids lipids
5.	The monomer for proteins is <u>amino acid</u> .
6.	The function of carbohydrates to provide encoy for all living things.
	is a compound made up of an amino group on one end and a arboxyl group on the other.
8. /	is a fatty acid that contains the maximum amount of hydrogen toms.
9. L	arge molecules formed from monosaccharides are called polysaccharides.
10. E	xamples of carbohydrates are <u>bread</u> and <u>pasta</u>
11. T	he function of nucleic acids is to store of transmit genetic information.
a b c d	carbohydrates $-C, H, O$
13. V	hich element has a 1:2:1 ratio of carbon, hydrogen, and oxygen?
14	stores energy, makes up the cell membrane, and acts as a chemical messenger.
15	Dehydration Synthesis is the process of water leaving a molecule.
16. W	hat are two functions of protein? <u>build musdes</u> and
17. A	nucleofide is made up of a 5-carbon sugar, phosphate group, and a nitrogenous se.
18. Tv	o examples of lipids are fals and oils.
19. Th	e monomer of carbohydrates is <u>monosoccharide</u> .
20. GI	recerol and fally acids are the monomers of lipids.