Name	Class	Date	
Directed Reading B continued			
11. Name the six elements that n	nake up most of the	e human body.	
12. What do carbon's special bor	uding abilities allow	carbon to do?	
13. Name two types of organic co	ompounds that can	be manufactured.	

Name	Class	Date

Skills Worksheet

Directed Reading B

Section: Compounds of Living Things

Write the letter of the correct answer in the space provided.

- _____ 1. Carbohydrates, lipids, proteins, and nucleic acids are the four categories of
 - a. living things.
 - **b.** carbons.
 - c. organic compounds.
 - **d.** biochemicals.

CARBOHYDRATES

- **2.** Carbohydrates are biochemicals that are composed of one or more
 - **a.** lipids.
 - **b.** sugar molecules.
 - **c.** organic compounds.
 - **d.** starch molecules.
- ____ **3.** Simple carbohydrates are made up of
 - **a.** simple sugars.
 - **b.** cellulose.
 - **c.** proteins.
 - **d.** lipids.
- **4.** Complex carbohydrates may be made of thousands of
 - a. lipids.
 - **b.** simple sugars.
 - **c.** proteins.
 - **d.** nucleic acids.
 - _____ 5. Living things commonly use carbohydrates as a source of
 - a. fat.
 - **b.** genetic material.
 - **c.** energy.
 - **d.** protein.

LIPIDS

- **6.** Lipids are biochemicals that do not
 - **a.** store excess energy.
 - **b.** make up cell membranes.
 - **c.** dissolve in water.
 - **d.** store vitamins.

Name	Class	Date
Directed Reading B continued		
 7. Fats, oils, and waxes a a. lipids. b. carbohydrates. c. proteins. d. sugars. 	re	
PROTEINS		
a. sugars.b. amino acids.c. nucleic acids.d. lipids.	cals made up of "bu	uilding blocks" called
9. An example of a proteina. olive oil.b. sugar.c. hemoglobin.d. fiber.	n is	
10. List three roles that proteins h	ave in the numan r	oody.
11. What are the largest molecules	s made by living or	ganisms called?
12. What are nucleic acids made u	ap of?	
13. How do nucleotides cause living	ng things to differ f	rom one another?
14. What are nucleic acids sometimes information needed for a cell to		
15. What are the two main kinds o	of nucleic acids, and	d what are their functions?

Vocabulary and Section Summary B				
Skills Worksheet				
Name	Class	Date		

Elements in Living Things VOCABULARY

After you finish reading the section, try this puzzle! Write the word or phrase being described below in the spaces provided.

		2	1		
. type of bo	ond forme	d when there	are three bond	s between o	carbon atoms
		d when there nother atom	are four separa	te covalent	bonds between a
			4		
type of boatoms	ond forme	d when there	are two covale	nt bonds be	etween carbon
				6	_
	t comes fr	om organic m	naterial deep in	Earth's cru	st; used to make
an oil tha gasoline					

U b