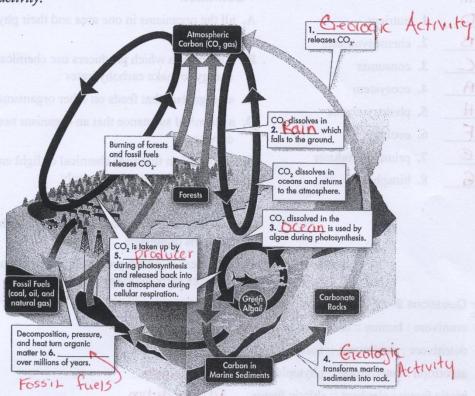
3.4

The Carbon Cycle

Visual Quiz

The diagram below shows the major processes involved in the carbon cycle. Label the diagram with the following terms: *producers*, *fossil fuels*, *rainwater*, *oceans*, and *geological activity*.



7. What organisms remove car into the atmosphere?	bon from the atmos	sphere? Wh	at organisms re	elease carbon	
(B) Hertertroops &	Autotrophs	70	ine without	= UNU boot	
	storow to brow to	g the corre	nicha vid Intern	elate dose elekçi	Cost
8. How are fossil fuels made? decomposition of or press organic M	0	Extreme	heat &	pressure f	rom Earth
9. How does geological activity	A A CONTRACTOR OF THE PARTY OF	arbon cycle		masive	amounts

10. What happens to the carbon in an organism's body after it dies?

Recyled

Name	Key	Class Date				
	duO louziV					
Ch	apter Vocabula	ry Review				
	the term with its definition.	he diagram below shows the major processes involved in				
Term		Definition				
1. nutrient		A. all the organisms in one area and their physical environment				
2. chemosynthesis 3. consumer		B. a process in which producers use chemical energy to make carbohydrates				
A	4. ecosystem	C. an organism that feeds on other organisms				
5. photosynthesis 6. ecology 7. primary producer 8. biosphere	和 46 Man 19 Man	D. a chemical substance that an organism needs to survive				
	The state of the s	an organism that uses chemical or light energy to produce its own food supply				
	- Company of the comp	F. the study of the biosphere				
		G. the portion of Earth and its atmosphere that contains organisms				
		H. a process in which producers use light energy to make carbohydrates				
For Q	uestions 9–12, complete the and	alogies.				
9. on	nnivore: human:: carnivore:	Lion .				
10. de	tritivore: earthworm:: herbivore	: <u>Cow</u>				
11. au	totroph: heterotroph:: phytoplan	kton: Zooplankton				
12. bi	otic factor : elephant :: abiotic fac	tor: precipitation				
	that is the difference between a for	od chain and a food web? Steps in which organisms transfer				
	nevary by eating &					
_1	Food web = network	of Several Interacting food Chains				
Comp	lete each statement by writing to	he correct word or words.				
P	opulation.	living in an oak forest. The squirrels make up a(n)				
	angi and some kinds of bacteria and temically breaking down organic	re decomposers that obtain nutrients by matter.				
16. Ed	cologists measure blomass	in grams of organic matter per unit area.				
17. In	a process known as denity fico	tion, some types of soil bacteria obtain energy by				

converting nitrates into nitrogen gas.