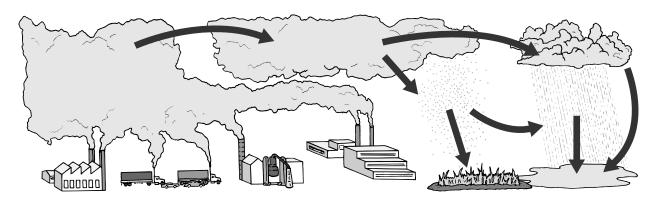
C	Chapter 6		
Н	Humans in the Biosphere		
Se	Section 6–1 A Changing Landsca	<b>9e</b> (pages 139–	143)
Thi	This section describes types of human activities that ca	n affect the biosphe	re.
Ea	Earth as an Island (page 139)		
	Increasing demands on what resources come when when the population?		
$\mathbf{H}_{1}$	Human Activities (page 140)		
	2. Is the following sentence true or false? Human much energy as all of Earth's other multicellula		ed.
3.	3. What four human activities have transformed to	he biosphere?	
	a c		
	b d		
Ηı	Hunting and Gathering (page 140)		
H1 4.		nge the	
H1	Hunting and Gathering (page 140)  1. How did prehistoric hunters and gatherers chaenvironment?	nge the	
H14.	Hunting and Gathering (page 140)  4. How did prehistoric hunters and gatherers chaenvironment?  5. Hunting that makes relatively few demands or	nge the the environmen	
H14.	Hunting and Gathering (page 140)  1. How did prehistoric hunters and gatherers chaenvironment?	nge the the environmen	
H1 4.	Hunting and Gathering (page 140)  4. How did prehistoric hunters and gatherers chaenvironment?  5. Hunting that makes relatively few demands or	nge the the environmen	
H14.	Hunting and Gathering (page 140)  4. How did prehistoric hunters and gatherers characteristic environment?  ———————————————————————————————————	nge the	t
H14. 5. Ag	Hunting and Gathering (page 140)  4. How did prehistoric hunters and gatherers characteristic environment?  5. Hunting that makes relatively few demands or is called  Agriculture (pages 141–142)	nge the the environmen	t
H1 4. 5. A§ 6. 7.	Hunting and Gathering (page 140)  4. How did prehistoric hunters and gatherers characteristic environment?  ———————————————————————————————————	the environment	t
H <sub>1</sub> 4. 5. A <sub>4</sub> 6. 7.	Hunting and Gathering (page 140)  1. How did prehistoric hunters and gatherers charenvironment?  5. Hunting that makes relatively few demands or is called  6. What is agriculture?  7. Why was the spread of agriculture an important history?  8. What ecological changes came with the cultival	the environment	t n
H <sub>1</sub> 4. 5. A <sub>2</sub> 6. 7.	Hunting and Gathering (page 140)  4. How did prehistoric hunters and gatherers charenvironment?  5. Hunting that makes relatively few demands or is called  6. What is agriculture?  7. Why was the spread of agriculture an important history?	the environment	t n
H1 4. 5. A. 6. 7. 8.	Hunting and Gathering (page 140)  1. How did prehistoric hunters and gatherers charenvironment?  5. Hunting that makes relatively few demands or is called  6. What is agriculture?  7. Why was the spread of agriculture an important history?  8. What ecological changes came with the cultival	the environment	t n

Name	Class_	Date
<b>3.</b> Complete the table a	bout types of environmen	ntal resources.
1	TYPES OF ENVIRONMEN	TAL RESOURCES
Type of Resource	Definition	Examples
Renewable resources		
Nonrenewable resources		
Sustainable Use (pa	ge 145)	
4. What is sustainable	use?	
5. How do human activ	vities affect renewable res	sources?
<b>6.</b> Upon which princip	les are sustainable practic	ces based?
Land Resources (page 7. What is fertile soil?		
8. The uppermost layer	r of soil is called	
9. What is soil erosion?		
<b>10.</b> How does plowing to	the land increase the rate	of soil erosion?
	previously soil-rich, prod	
<b>12.</b> What can cause dese	ertification?	
Forest Resources (p		
-		e Earth"?
•	laska and the Pacific Nor	thwest called old-
15. What is deforestation	n, and how does it affect s	soil?

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Naı	ne	Class	Date	
Cha	apter 6, Humans in the Biosph	<b>ere</b> (continued)		
Oc	ean Resources (page 147)			
16.	For what resources are the Earth's	s oceans particularly	valuable?	
17.	The practice of harvesting fish fas	, ,	roduce is	
18.	What are some important species	that have been overf	ished?	
19.	What is one approach to sustainal	ole use of fisheries?		
20.	What is aquaculture?			
Ai	r Resources (page 148)			
21.	What is smog?			
22.	What is a pollutant?			
23.	How does the burning of fossil fu	els affect air quality?		
24.	Microscopic particles of ash and chealth problems are called			
25.	What does acid rain contain that I			
26.	Complete the illustration by writi	ng the names of the i	processes	

26. Complete the illustration by writing the names of the processes that lead to the formation of acid rain.



Water Resources		Date
	S (page 149)	
, ,	ting water supplies from pollution and nter major priorities?	0 0
28. What is domesti	ic sewage, and how does it threaten water	r supplies?
•	cting forests ensure sustainable use of wa	
30. Why can conser	rvation in agriculture save large amounts	s of water?
	odiversity (page 150) ersity?	
1. What is biodive		
1. What is biodive	ersity?able about diversity.	
<ol> <li>What is biodive</li> <li>Complete the ta</li> </ol>	ersity?  able about diversity.  DIVERSITY IN THE BIOSPHER	
<ol> <li>What is biodive</li> <li>Complete the ta</li> </ol> Type of Diversity	ersity?  able about diversity.  DIVERSITY IN THE BIOSPHER	
2. Complete the ta  Type of Diversity  Ecosystem diversity	ersity?  able about diversity.  DIVERSITY IN THE BIOSPHER	

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Nai	me Class Date
Со	onserving Biodiversity (pages 154–156)
15.	. What is conservation?
16.	. What is the purpose of conservation biology?
17.	. What does protecting an ecosystem ensure?
	Reading Skill Practice  Writing a summary can help you remember the information you have read. When
	you write a summary, write only the important points. Write a summary of the information in Section 6–3. Your summary should be shorter than the text on which it is based. Do your work on a separate sheet of paper.
Thi	ection 6–4 Charting a Course for the Future (pages 157–160) is section describes two types of global change that is of concern to biologists.  zone Depletion (pages 157–158)
Րին։ <b>Դշ</b>	is section describes two types of global change that is of concern to biologists.
Гћі: <b>Оz</b> 1.	is section describes two types of global change that is of concern to biologists.  zone Depletion (pages 157–158)
Τhi: <b>Οz</b> 1. 2.	is section describes two types of global change that is of concern to biologists.  zone Depletion (pages 157–158)  . What is ozone?
1. 2. 3.	is section describes two types of global change that is of concern to biologists.  Zone Depletion (pages 157–158)  What is ozone?  Where is ozone concentrated in the atmosphere?  Over what continent has a "hole" in the ozone layer been
7his 7z 1. 2. 3.	is section describes two types of global change that is of concern to biologists.  Zone Depletion (pages 157–158)  What is ozone?  Where is ozone concentrated in the atmosphere?  Over what continent has a "hole" in the ozone layer been growing larger and lasting longer over the last 20 years?  What is causing the problem of ozone depletion?
This Oz 1. 2. 3.	is section describes two types of global change that is of concern to biologists.  Zone Depletion (pages 157–158)  What is ozone?  Where is ozone concentrated in the atmosphere?  Over what continent has a "hole" in the ozone layer been growing larger and lasting longer over the last 20 years?  What is causing the problem of ozone depletion?