Name	_ Class	Date
Section 17-3 Evolution (pages 429-434)	of Multic	ellular Life
<ul> <li>Key Concept</li> <li>What were the characteristic forms eras?</li> </ul>	of life in the Pa	leozoic, Mesozoic, and Cenozoic
Precambrian Time (page 429)  1. Is the following sentence true or fals during the Precambrian.	-	percent of Earth's history occurred
<ul> <li>2. Circle the letter of each sentence that</li> <li>a. Anaerobic and photosynthetic for</li> <li>b. Aerobic forms of life evolved, and</li> <li>c. Multicellular life-forms evolved.</li> <li>d. Life existed on the land and in the</li> </ul>	rms of life appe d eukaryotes ap	eared.
3. Why do few fossils exist from the Pr		
<ul> <li>Paleozoic Era (pages 429-431)</li> <li>4. The first part of the Paleozoic Era is</li> <li>5. Is the following sentence true or falso Cambrian Period.</li> <li>6. Circle the letter of each sentence that</li> <li>a. Organisms with hard parts first at</li> <li>b. Most animal phyla first evolved.</li> <li>c. Many animals lived on the land.</li> <li>d. Brachiopods and trilobites were of that occurred during them.</li> </ul>	se? Life was no  t is true about t ppeared.  common.	t very diverse during the he Cambrian Period.
Periods 7. Ordovician and Silurian 8. Devonian 9. Carboniferous and Permian	and form <b>b.</b> The firs <b>c.</b> Ma the	ptiles evolved from amphibians, winged insects evolved into many

Name	Class	Date
<b>10.</b> Animals first begin to invade	the land during the	Period.
11. Where does the Carboniferous	s Period get its name?	
When many types of living the		me time, it is called a(an)
13. Is the following sentence true		n at the end of the Paleozoic
affected only land animals		
Mesozoic Era (pages 431-4	32)	
<b>14.</b> Complete the following table.		
PERI	ODS OF THE MESOZOIC ERA	<b>A</b>
Period	Evolutionary	Event
	First mammals	3
	First birds	
	First flowering	plants
15 The Messacia Davis celled de	- A	
<ol> <li>The Mesozoic Era is called the</li> <li>The first dinosaurs appeared in</li> </ol>		
<b>17.</b> Is the following sentence true		
small.	of faise. The mammars of th	te Thassie I chod were very
<b>18.</b> Is the following sentence true	or false? Many paleontologis	sts think that birds are close
relatives of dinosaurs.		
19. The dominant vertebrates thro	oughout the Cretaceous Period	d were
<b>20.</b> What advantage do flowering	plants have over conifers?	
21. Describe the mass extinction t	hat occurred at the end of the	Cretaceous Period
	mai occurred at the chid of the	Cromocous I criou.

<b>~</b> -	
Ce	nozoic Era (pages 433-434)
22.	Is the following sentence true or false? During the Cenozoic Era, mammals evolved
	adaptations that allowed them to live on land, in water, and in the air.
23.	The Cenozoic Era is called the Age of
24.	What were Earth's climates like during the Tertiary Period?
25.	How did Earth's climate change during the Quaternary Period?
26.	Is the following sentence true or false? The very earliest ancestors of our species appeared
_ 30	about 100,000 years ago.

Class

Date

## **Reading Skill Practice**

Name

When you read a section with many details, writing an outline may help you organize and remember the material. Outline Section 17-3 by first writing the section headings as major topics in the order in which they appear in the book. Then, beneath each major topic, list important details about it.