Name		Class	Date		
Skills Wo	rksheet				
Diroc	ted Reading B				
Direc	teu neauiiig D				
Section	: Time Marches Or	(pp. 276–283)			
THE GEOL	OGIC TIME SCALE				
1.	About how many years of	f Earth's history do geol	ogists study?		
a. 4.6 million years c. 460 million years					
b. 46 million years		d. 4.6 billion years			
2. What is	s the geologic time scale?				
Match the	correct description with th	ne correct term. Write the	e letter in the space		
provided.					
3.	the largest division of the	geologic time scale	a. epoch		
Л	the good largest division	en of goologie time	b. period		
4.	the second-largest division	sion of geologic time	c. era		
5.	the third-largest division	of geologic time	d. eon		
6.	the smallest division of g	eologic time			
7. What a	re three ways the bounda	ries between geologic ti	me intervals are		
defined	1?				
8. What a	re two types of changes t	hat can cause a dramati	c incease or decrease		
in the r	number of different kinds	of organisms?			
9. What is	s extinction?				

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10. What are two types of gradu	. What are two types of gradual changes that can cause mass extinctions?					
11. What is one type of catastro	whic change that can	cause a mass extinction?				
What is one type of catastro	princ change that can	cause a mass extinction.				
PRECAMBRIAN TIME—LIFE DE	EVELOPS					
12. About how long did	the Precambrian time	last?				
a. 4.6 billion years a	go to 542 million years	s ago				
b. 542 million years a	b. 542 million years ago to 251 million years ago					
c. 251 million years	c. 251 million years ago to 65 million years ago					
d. 65 million years a	go to the present					
13. Organisms first appe	arod in Farth's occan	s about				
a. 4.6 billion years a		million years ago				
b. 3.6 billion years a		million years ago				
14. Oxygen gas was released in		· ·				
15. How did the formation of oz on land?	zone in the upper atmo	osphere help life survive				
16. Organisms composed of ma	ny cells may have evo	olved from				
THE PALEOZOIC ERA						
17. When did the Paleoz	oic Era begin?					
a. about 2.6 billion y b. about 430 million	rears ago c. abor	ut 542 million years ago ut 4.5 million years ago				
18. Why do scientists know less about organisms during the	_	ore the Paleozoic Era than				

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19.	9. What was the Cambrian explosion?						
20.	What are three types of marin Paleozoic Era?	ne animals that left f	ossils from the				
21.	What type of forests covered	much of Earth at the	e end of the Paleozoic Era?				
22.	What indicates that arthropo	ds such as scorpions	were the first land animals?				
23.	What was the largest known	mass extinction?					
24.	What was the largest group of animals that became extinct during the Permian extinction?						
25.	According to the fossil record the Permian extinction?	l, what are two grou	ps of animals that survived				
TH	E MESOZOIC ERA						
	26. When did the Mesozoi	c Era begin?					
	a. about 2.6 billion ye	ars ago					
	b. about 251 million y	<u> </u>					
	c. about 542 million y d. about 430 million y						
27	The Mesozoic Era is also kno						
	The best-known reptiles that						
_0.	_	and define the					
	are	_ •					

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29. The mo	st important plants d	uring the early Mesoz	zoic Era were
30. What ha	appened during the C	retaceous-Tertiary ex	tinction?
	ossil evidence do scie	ntists have for the Cro	etaceous-Tertiary
extincti	on?		
32. How co	ould an object from o	ır solar system have o	caused the Cretaceous-
	extinction?	U	
THE CENO	7OIC FRA		
	When did the Cenozo		
	a. 40 million years ag		
	b. 3.6 million years as		
	c. 542 million years a	~	
(d. The Cenozoic Era	nas not ended.	
	The Cenozoic Era is s	sometimes called the	
	a. Age of Humans.		
	b. Age of Fossils.		
	c. Age of Mammals.		
(d. Age of Insects.		
35.	Mastodons, camels, h	orses, and humans fi	rst appeared
	a. during the Cenozoi		E E
	b. during the Mesozo		
	c. during the Paleozo		
	d. during the Archear		