Name	Class	Date
Directed Reading B continued		
MODERN GEOLOGY—A HAPPY	/ MEDIUM	
<b>9.</b> During the late 20th century What do these scientists bel	<del>-</del>	_
10. What present-day evidence s result of a catastrophic ever		ion of dinosaurs was the
PALEONTOLOGY—THE STUDY ( Match the correct definition witle provided.		the letter in the space
<ul><li>11. the study of past life</li><li>12. scientists who study</li><li>13. remains of organisms</li></ul>	past life using fossils	<ul><li>a. paleontology</li><li>b. fossils</li><li>c. paleontologists</li></ul>
processes		

Name .		Class	Date	
Skills	s Worksheet			
Di	rected Reading	g B		
		<u> </u>		
Sect	ion: Relative Datir	<b>1g</b> (pp. 238–245)		
	<ul> <li>1. Determining the age events is called</li> <li>a. relative sequencines</li> <li>b. relative dating.</li> <li>c. relative history.</li> <li>d. relative geology.</li> </ul>	e of objects or events in rel	ation to other objects or	
THE R	OCK CYCLE			
Match provid	<del>-</del>	ith the correct term. Write	the letter in the space	
	_ 2. forms from rock fra	gments	<b>a.</b> igneous rock <b>b.</b> metamorphic rock	
	_ <b>3.</b> forms when magma	cools		
	4. forms when solid ro type of rock due to changes	ck changes to another temperature or pressure	<b>c.</b> sedimentary rock	
Match provid	<u>-</u>	vith the correct term. Write	the letter in the space	
	_ <b>5.</b> Sediment is hardene	ed into sedimentary rock.	a. weathering	
	<b>6.</b> This moves sedimer another.	at from one place to	<ul><li>b. erosion</li><li>c. deposition</li><li>d. lithification</li></ul>	
	<b>7.</b> Rock is broken dow	n into smaller pieces.		
	<b>8.</b> Material is laid down	n or dropped.		
THE F	PRINCIPLE OF SUPERPO	SITION		
	<ul> <li>9. As long as a sequence know that</li> <li>a. older rocks lie ab</li> <li>b. younger rocks lie</li> <li>c. younger rocks lie</li> <li>d. older rocks have</li> </ul>	below older rocks. above older rocks.	rbed, scientists	

Class	Date
that younger rocks s called	s lie above older rocks in
he correct term. Wr	ite the letter in the space
along which blocks one another	<b>b.</b> folding
ited on top of older	r <b>c.</b> fault <b>d.</b> tilting
neezed into existing	e. intrusion
ckled by Earth's	
arth's internal force	es
of rock are missing	from a rock-layer
s for a missing laye	er in a rock-layer sequence
en an area is uplifte	ed and exposed to
ind and water.	
ways younger than	the rock layers it cuts
	that younger rocks called  he correct term. Wralong which blocks one another ited on top of older eezed into existing ekled by Earth's earth's internal force of rock are missing as for a missing layer en an area is uplifted ind and water.

Name	Class	Date
Directed Reading B continued		
<b>20.</b> How do geologists figure out	rock-layer puzzles?	
ORDER OF EVENTS		
<b>21.</b> Geologists use superposition	and crosscutting re	lationships to find what?
<b>22.</b> Can relative dating tell geologour answer.	gists exactly when e	events took place? Explain