Name		Class		Date
Skills Worksheet				
Directed Rea	ding A			
Section: Relative	Dating: W	hich Came	First	2
Write the letter of the co				•
1. Determining t events is calle		ects or events	ın relatio	on to other object
a. relative seg				
b. relative dat				
c. relative his				
d. relative geo	ology.		*	
THE PRINCIPLE OF SUP	ERPOSITION			
2. As long as a se	equence of roc	k layers is und	disturbed	d, scientists know
a. older rocks				
b. younger ro				
c. younger rocks				
			ks lie ah	oove other rocks i
undisturbed se			RS He ac	ove other rocks i
a. relative dat				
b. superpositi				,
c. uniformitar				
d. catastrophi		osa nasa a sh	allanga t	to goologists?
4. How do disruptions of	of rock sequer	ices pose a cn	anenge i	to geologists?
HE GEOLOGIC COLUM	N			
5. What is the geologic of	column?			
-				
6. How do geologists us	e the geologic	column?		
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ame	Class	Date
Directed Reading A continued		
7. Explain how a crosscutting fe	eature is always younger	than the rock layers it
Match the correct description wit	th the correct term. Write	the letter in the space
orovided. 8 a break in the Earth's	crust along which	a. superposition
blocks of crust slide	relative to one another	b. folding
9. younger sediment de older layers	posited on top of	c. faultd. tilting
10. molten rock that has rock and hardened	squeezed into existing	e. intrusion
11. rock layers bent and internal forces	buckled by the Earth's	
12. rock layers slanted by forces but without for	y the Earth's internal olding	
GAPS IN THE RECORD—UNCO	NFORMITIES	
13. When a layer or several layer	ers of rock are missing fr	om a rock-layer
sequence, this is called a(n) 14. Name two possible explana	ations for a missing layer	in a rock-layer sequence.
15. When sediment stops at so	me point and restarts, an	unconformity is created
by 16. An unconformity is created	 I when an area is uplifted	l and exposed to
	J	

Name		Class	Date
Directed Re	eading A continued		
TYPES OF UN	NCONFORMITIES		
Match the cor provided.	rect description with	the correct term.	Write the letter in the space
17. found between horizont sedimentary rock and rohave been tilted or folder		ock layers that	a. disconformity
			b. nonconformity
			c. angular unconformity
	ere sedimentary roc		
	o of an eroded surfac e igneous or metamo		
19. mo	ost common type of u	nconformity	
ROCK-LAYER	PUZZLES		
On How do go	eologists figure out re	oek lavor nuzzlos	9
20. 110 w do go	eologists figure out re	ock-layer puzzies	
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			, 1
		1	