Name	Class	Date
Skills Worksheet		
Directed Re	eading A	
Section: Changes ENERGY AND CHANGES		
a. particles in s b. particles in l	team	<ul><li>c. particles in ice</li><li>d. particles in freezing water</li></ul>
2. When a substance char	nges from one phy	sical form to another, we say the
substance has had a(n)		
3. List the five changes o	f state.	
MELTING: SOLID TO LIG	QUID	
4. Could you use gallium	to make jewelry?	Why or why not?
_		anges from solid to liquid is the
6. Melting is considered a	a(n)	change because energy
is gained by the substa	nce as it changes s	state.
FREEZING: LIQUID TO S	OLID	
7. A substance's		_ is the temperature at which it
changes from a liquid t	to a solid.	

Name		_ Class	Date			
Directe	ed Reading A continued					
8. Wha	t happens if energy is adde	energy is added or removed from a glass of ice water?				
9. Freez	zing is considered a(n)		change b	ecause energy		
is rei	moved from the substance					
EVAPO	RATION: LIQUID TO GA	5				
Match the provided	e correct definition with th	ne correct term. Write	the letter in t	he space		
1	0. the change of a substan a gas	a substance from a liquid to	a. boiling point			
11. the change of state from		<ul><li>b. vapor pressure</li><li>c. evaporation</li></ul>				
	atmospheric pressure	or pressure equals the ressure		d. boiling		
1	2. the pressure inside the liquid	pubbles of a boiling	·			
1	3. the temperature at which	h a liquid boils				
14. As y	ou go higher above sea lev	vel, the		_ decreases		
and t	he	of a substance gets lower.				
CONDE	NSATION: GAS TO LIQU	JID				
15. The	change of state from a gas	to a liquid is		·		
16. At a	given pressure, the conder	nsation point for a sub	ostance is the	same as its		
17. For a	a substance to change from	a gas to a liquid, par	ticles must			
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Name	Class	Date	
Directed Reading A c	ontinued		
SUBLIMATION: SOLII	TO GAS		
18. Solid carbon dioxid	e isn't ice. So why is it call	led "dry ice"?	
19. The change of state	from a solid to a gas is cal	led	
	ū		
CHANGE OF TEMPER	RATURE VS. CHANGE OF	F STATE	
20. The speed of the pa	rticles in a substance chang	ges when the	
	changes		
	enanges:		
21. The temperature of	a substance does not chang	ge before the	
	is complete.		