Snea	aing Light of	n Heat E	zpisoae 2: C	_nange	s of State	IN	ame:		
	On Earth, subs			•	l in 3 states:			_	
 L P 	abel the diag	ram of th	ne atom on t	he right charg	t. ge and electrons		1		
4. T	The force of at alled an	traction	between pro	otons ar	nd electrons is				
	Briefly describ								
6. I	Describe (at th	e atomic	level), wha	ıt meltir	ng is				
7. D	Describe (at the	e atomic	level) what	t a liqui	d is				
					S°C. What does this ostatic force between				
- - 9.] -	Describe what	t happens	s to the water	er mole	cules in water whe	en it is heat	ed and it reac	hes boiling	; point.
- 10. Γ	Describe (at th	e atomic	level) what	t a gas i	S				
- 11. V	Vhy is it easy	to comp			y difficult to comp		•		
- 12. V	Vhen a gas is	cooled it	will eventu	ıallv c		and form	a liquid. Th	e process is	called
_			_•				_		
- 14. Γ	Ory ice is solid	d b				·			
15. E 16. T	Ory ice doesn' The mist that f	t melt bu forms wh	at nen dry ice i	s placed	directl din water is not ca	rbon dioxio	de. What is it		
					the following.				
Sul		lelting	Boiling	(a)	At a temperatur				
		Point	Point	(b)	At a temperatur				
		(°C)	(°C)	(c)	At a temperatur				
etha		0 14.5	100 78.5	(d)	At a temperatur				
	ohol) -1	14.3	10.3	(e)	At a temperatur				
iron		538	2862	(f)	At a temperatur	re of 2600°	U, iron exists	s as a	
11 011	1.	,50	2002						