Chapter 7 Mo	del of Matter – The Pa	rticulate Nature of N		. 1	
AfL Quiz 2		Date:	4/	8/202	2
•	this quiz, I should be able to elting and boiling in terms of		states of m	natter	
liquid state?  I. Energy II. The dis III. The spe	content of the particles tance between two particles eed of the particles mber of the particles in the ronly.  only pt IV	me Hing hoppens	of pro		ナーとり
2 In an air-cor is best desc A sublimati B condensa C evaporat D melting	nditioned bus, water is collectibed ason on ation	cted on the glass window	v panes. Th	nis process	
3 What happe	ens to the particles in a liqui		95	,	
B The parti C The partic	cles will stop moving randor cles will vibrate. cles break free from being h cles move about freely and	neld in their fixed positions		( )	
4 In which probelow its bo A boiling		from the surface of a liqu ーー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	•		
C evaporat	ion D su	ıblimation		( )	
When a gas  A move clo  B move mo	s is cooled, its particles ser together > + Coo ore rapidly smaller stationary	dense, 50,5 til	at To	ما	
C become :	smaller stationary	change to liquid.		( <b>A</b> )	

6 When ice melts, there are changes in the \_\_\_\_\_ of the water molecules.

A motion

B mass

C size

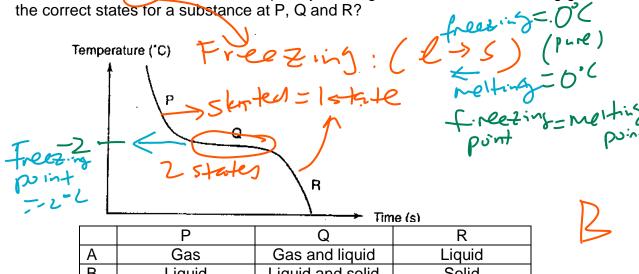
D number

In which process is heat energy given out? 7

A boiling C freezing

≲ sublimation \$ → ☐ melting

8 A sample of a pure compound was heated until it was completely molten and was then allowed to cool until it was completely solid again. Which of the following gives



	Р	Q	R
Α	Gas	Gas and liquid	Liquid
В	Liquid	Liquid and solid	Solid
С	Gas	Liquid	Solid
D	Solid	Solid and Liquid	Liquid

9 The following shows diagrams of a process (A, B, C and D) where a substance is undergoing a change of state,

