Melting points	
Melting points	
Diamond	4093
C ₇ H ₁₆	-94
1. Of the following substances above, H ₂ O H ₂ O	0
1. Of the following substances above, a. which is likely a network covalent? b. What is broken when this substance is NaCl	-205
	780
melted? COVALENT BOW	, ,
melted? COVMEN BOW 2. H ₂ O and CO contain the same intramolecular bond. a. What is the intramolecular bond? COVMENT b. What is broken when water is melted? TMF-HY108N c. What is broken when CO is broken? TMF-Dipole	, H' it
2. H ₂ O and CO contain the same intramolecular bond.	Som H 8th
a. What is the intramolecular bond?	501-0
b. What is broken when water is melted?	8 5 (= 0
c. What is broken when CO is broken? The way of the control of the	020
a. What is the intramolecular bond? Covaled Dipole b. What is broken when water is melted? TMF → HY 108 M C. What is broken when CO is broken? TMF → Dipole Dipole	
2 At 50°C butane (CaHao) is likely to be a solid. Justify or nullify this stateme	ent.
and a coolid due to LOF	
4. When a sample of NaCl is being melted, what force is being broken? Too	of Bond
4. When a sample of NaCl is being melted, what force is being broken?	11c you
	Tonic Chigo
 a. What are the factors that affect the strength of an ionic compound 	> Size otatoris
h With what you know about the serenger or issue and	
compounds and list them in order of increasing melting points.	NICla
Nacl MgC12	Accis
. uss I i and malacular (covalent	t) substances when
melting? (What breaks?)	H St
Ly Ionic Breaks IMF	H, L
melting? (What breaks?) Tonic Breaks Ionic Molecular Breaks Im F	H CS
6. What type of substance is at the right (covalent) covalent network, ionic)	
7. What are the factors affecting its melting points?	H/~\H
GIMF - Hydrogen Bonding	Н
8. What type of substance is at the right (covalent, covalent network ionic)	
offerting maints?	PI PI PI
Size / This required	19375
9. What are the factors affecting its merting points? Size Ochemis / IND internucleoned	人。于今于今
10. List the following substances in increasing melting points.	7
C-CI N-CI II O II C (diamand)	Na Ci
Lowerst Nacl Caclz Diamond Network to Sonic Covalent	<u>.</u>
Lower Mall Callz Diamery	•
Network Network	mgo Alprais