16) Write the (2 pts each)	e formula for any c	ovalent comp	ound (you make it	up) that fits the	e following descripti	on.
a) A	compound that has	a tetrahedral	shape and is polar	· CH3C	Į.	
b) A	compound that has	a pyramidal s	shape and is non p	olar.	PAtz (re	ed Look Elech
c) A (compound that has	a linear shape	and is polar.	005		
18) Draw the	lewis dot structure	es for the follo	wing particles. (1	pt each)		
a) ₃₂ Ge	_ b) 16S ²⁻		c) ₇ N	d) 34Se	e) ₁₉ K	
· Ĝe	; ; S		o N	.50	e) ₁₉ K	
1)	Using your kno intermolecular draw Lewis stre	force in the f	olecular structure ollowing compou d your answer	e, identify the inds. You ma	main y find it useful to	
	a) PF ₃	dipole-	Dipole			
	b) H₂CO	dipole -	dipole			
	c) HF	h-box	dis			
2)	another.		orces cause mole			
	·	-	ends of	ndein	e) attract	
	to	· M W	ends of where	•		

3)	Rank the following compounds from lowest to highest boiling point: calcium carbonate, methane, methanol (CH ₄ O), dimethyl ether (CH ₃ OCH ₃).			
4)	rether & directly of Method & Calcins oreter (nonpolar) (polar) (thinks) (hind diposition only diposedypole Explain why nonpolar molecules usually have much lower surface tension than polar ones. Only can be dispused IMF 50 weeker IMF.			
What is the strongest intermolecular force present for each of the following molecules?				
1)	hydrogen (H ₂) dispersion			
2)	carbon monoxide (CO) <u>Lipsle-dipsle</u>			
3)	silicon tetrafluoride (SiF ₄) his persion			
4)	nitrogen tribromide (NBr3)			
5)	water (H ₂ O) H-b, dy			
6)	acetone (CH2O)			
7)	methane (CH ₄)			
8)	benzene (C ₆ H ₆) dis persion			
9)	ammonia (NH ₃) H-bord			

Hondy

methanol (CH₃OH)

10)