	SO ₂	CO ₂
Jonic or Covalent Compound	COVALENT	COVALENT
Lewis Structure		
	<u> </u>	7-0-5
	1010	0=0-0
Total It (charate recording to the start		
Build It (show to your instructor)	00	0: 10 0:00
Polar Bonds or Non Polar Bonds	POLAR BOND	POLAR BONDS
Polar Molecule or Non Polar Molecule	YOLAR	NON FOLAR
Does this compound exhibit dipole	1)	4.
dipole forces?	YES	No
If so, does this molecule also exhibit		
nydrogen bonding?	1	
Does this compound exhibit LDF's?	V	1/
· · · · · · · · · · · · · · · · · · ·	165	465
Which one exhibits greater LDF's?		
Which one would evaporate faster?		
Which one would have both a higher		
melting point and higher boiling point?		
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

CH₄ C₅H₁₂ COVALENT Ionic or Covalent Compound COVALENT Lewis Structure Build It (show to your instructor) POLAR BONDS NON POLAR POLAR BONDS NON POLAR Polar Bonds or Non Polar Bonds Polar Molecule or Non Polar Molecule Does this compound exhibit dipole dipole forces? If so, does this molecule also exhibit hydrogen bonding? Does this compound exhibit LDF's? Which one exhibits greater LDF's? Which one would evaporate faster? Which one would have both a higher melting point and higher boiling point?

	СН3ОН	CH ₂ O
Ionic or Covalent Compound	COVALENT	COVALENT
Lewis Structure	И	(0)
	1	\ `` <i>ĭi</i> `
	A-C-O-H	И-С-И
	1 - 1	
	Я	
Build It (show to your instructor)		
Polar Bonds or Non Polar Bonds	POLAR BONDS	POLAR BONDS
Polar Molecule or Non Polar Molecule	POLAR	
Does this compound exhibit dipole	A Commence of the Commence of	
dipole forces?	IES	VES !
If so, does this molecule also exhibit		
hydrogen bonding?	YES	No
Does this compound exhibit LDF's?	1/	
·	IES	165
TATE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Which one exhibits greater LDF's?	, , , , , , , , , , , , , , , , , , ,	
Which one would evaporate faster?		V
Which one would have both a higher		
melting point and higher boiling point?		

	CH ₃ OH	C ₆ H ₁₂ (cyclohexane)
Ionic or Covalent Compound	COVALENT	COVALENT
Lewis Structure	И	14
*		111/2/14
	H-(-O-H	
	/ () /	H I CER
		H-10-C/-M
72 11 74 6 7	<u> </u>	M M M
Build It (show to your instructor)		
Polar Bonds or Non Polar Bonds	POLAL BONDS	POLAR BONDS
Polar Molecule or Non Polar Molecule	POLAR	NON POLAR
Does this compound exhibit dipole		
dipole forces?	465	No
244400222222222222222222222222222222222		700
If so, does this molecule also exhibit	l V	1/0
hydrogen bonding?	IES	100
Does this compound exhibit LDF's?		
·	465	Yes
Which one exhibits greater LDF's?		
Which one would evaporate faster?		
Which one would have both a higher	(
melting point and higher boiling point?		

POLAR Y/ H-BONDS

STRONG LDF

	C ₂ H ₄ O	CH ₂ O
Ionic or Covalent Compound	COVALENT	COVALENT
Lewis Structure	4 101	101
	H-C-C-H	H-C-H
	A	
Build It (show to your instructor)		
Polar Bonds or Non Polar Bonds	POLAR BONDS	POLAR BONDS
Polar Molecule or Non Polar Molecule	POLAR	POLAR BONDS
Does this compound exhibit dipole	,	
dipole forces?	YES	YES.
If so, does this molecule also exhibit hydrogen bonding?	No	No
Does this compound exhibit LDF's?	YES	YES
Which one exhibits greater LDF's?		
Which one would evaporate faster?		
Which one would have both a higher melting point and higher boiling point?		
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	HI	HF
Ionic or Covalent Compound	COVALENT	COVALENT
Lewis Structure	CVAON	
	H-II	H-F1
Build It (show to your instructor)		
Polar Bonds or Non Polar Bonds	POLAR	POLAR BONDS
Polar Molecule or Non Polar Molecule	POLAR	POLAR
Does this compound exhibit dipole dipole forces?	YES	Yes

If so, does this molecule also exhibit

hydrogen bonding?

Does this compound exhibit LDF's?

Which one exhibits greater LDF's?

Which one would evaporate faster?
Which one would have both a higher

melting point and higher boiling point?

	Ne	Xe
Ionic or Covalent Compound	COVALENT	COVALENT
Lewis Structure	part for a	
	_	
	11/01	$ X_{\rho} $
	11/01	
D. 11 I. (-)		· · · · · · · · · · · · · · · · · · ·
Build It (show to your instructor)		
Polar Bonds or Non Polar Bonds		
Polar Molecule or Non Polar Molecule		
Does this compound exhibit dipole	4 4	
dipole forces?	No	No
If so, does this molecule also exhibit	11	l li
hydrogen bonding?	100	V_0
Does this compound exhibit LDF's?		
	165	YES
Which one exhibits greater LDF's?		
Which one would evaporate faster?		
Which one would have both a higher		
melting point and higher boiling point?		
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

	NaCl	H ₂ O
Ionic or Covalent Compound		
Lewis Structure	1.42	
	Na ¿i:	4/01-4
Build It (show to your instructor)		
Polar Bonds or Non Polar Bonds	TONIC	POLAL BONDS
Polar Molecule or Non Polar Molecule	IONIC	POLAR
Does this compound exhibit dipole dipole forces?	TONIC	YES
If so, does this molecule also exhibit hydrogen bonding?	- 1400 B	YES
Does this compound exhibit LDF's?	YES	YES
Which one exhibits greater LDF's?	Oxer 7	
Which one would evaporate faster?		
Which one would have both a higher melting point and higher boiling point?		