Name:	Date:	Worksheet 61
Chemistry		

Molecular Geometry



DIRECTIONS: Draw Lewis structures for the following molecules that obey the octet rule. Then determine the electronic geometry, molecular geometry and polarity.

HCN	PH ₃	CHCI ₃
e:	e:	e:
m:	m:	m:
p:	p:	p:
NH ₃	H₂CO	SeF ₂
NH ₃	H₂CO	SeF ₂
NH ₃	H₂CO	SeF ₂
NH ₃	H₂CO e:	SeF₂ e:

DIRECTIONS: Draw Lewis structures for the following molecules or ions that do not obey the VSEPR theory. Then determine the electronic geometry, molecular geometry and polarity.

PF ₅	BeH ₂	BH₃
21		
e:	e:	e:
m:	m:	m:
p:	p:	p:
SF ₄	XeF ₄	CIF₅
		5.1. ¢
e:	e:	e.
e:	e:	
e: m:	e: m:	

"The imagination equips us to see a reality, we have yet to create."
--Unknown