Molecular Shapes (VSEPR) Practice Sheet Name _____

	Lewis Dot Structure?	Central atom?	How many atoms bonded to central atom?	How many unshared (lone) pairs on central atom?	VSEPR Geometry?	Draw shape (3-D).	Bond Angle?	Polarity?
CO_2								
H_2O								
BF_3								
NH_3								
CH_4								

	Lewis Dot Structure?	Central atom?	Bonded atoms?	Lone pairs?	VSEPR Geometry?	Draw shape (3-D).	Bond Angle?	Polarity?
NO_3^-								
HCN								
OF_2								
CCl_4								
H_3O^+								
O_3								

	Lewis Dot Structure?	Central atom?	Bonded atoms?	Lone pairs?	VSEPR Geometry?	Draw shape (3-D).	Bond Angle?	Polarity?
C_2H_2								
ClO_3^-								
SiS_2								
H_2S								
CH_3^-								
CH_3^+								

	Lewis Dot Structure?	Central atom?	Bonded atoms?	Lone pairs?	VSEPR Geometry?	Draw shape (3-D).	Bond Angle?	Polarity?
$PbCl_2$								
SiH_4								
XeO_3								
NH_4^+								
SO_3								
SO_2								