

Name: _____

Block: _____

VSEPR Problems #2

Fill in the table. "Hybr." stands for "hybridization" (*e.g.*, sp , sp^2 , sp^3).

If the molecule is polar, indicate the polarity either with a polarity arrow or with δ^+ and δ^- symbols.

Cpd.	Hybr.	Lewis Structure with Polarity	Electron Cloud Shape	Molecular Shape
SCl ₂				
SiO ₂				
PH ₃				
CH ₂ O				

Cpd.	Hybr.	Lewis Structure with Polarity	Electron Cloud Shape	Molecular Shape
C ₂ H ₂				
HCN				
SO ₂				
NO ₃ ⁻				
BF ₃				