

Chemistry 210 – VSEPR & Molecular Models Name: _____

Formula	Compound Name	Number of Electrons	Electron Dot Structure ¹ Molecular Geometry	Model Made?	Polar? (Y/N)	Orbital Hybrid
<u>C</u> H ₄						
<u>N</u> H ₃						
H _{2<u>O</u>}						
<u>C</u> O ₂			I ₃ ⁻			
<u>S</u> O ₃						
<u>S</u> O ₃ ²⁻						
H _{2<u>C</u>O}						

¹Draw Electron Dot Structures on the back of this sheet, and then transfer to this side, if necessary. Underlined atom is center atom of the structure.

Formula	Compound Name	Number of Electrons	Electron Dot Structure ¹ Molecular Geometry	Model Made?	Polar? (Y/N)	Orbital Hybrid
<u>H</u> CN						
<u>Br</u> F ₃						
I ₃ ⁻						
C ₂ H ₄						
<u>Xe</u> F ₂						
<u>S</u> O ₄ ²⁻						
<u>N</u> O ₂						

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