

Chemistry 102 – VSEPR & Molecular Models Name: \_\_\_\_\_

Formula	Compound Name	Number of Electrons	Electron Dot Structure <sup>1</sup>	Molecular Geometry	Model Made?	Polar? (Y/N)
<u>C</u> H <sub>4</sub>						
<u>N</u> H <sub>3</sub>						
H <sub>2<u>O</u></sub>						
<u>C</u> O <sub>2</sub>						
<u>S</u> O <sub>3</sub>						
<u>S</u> O <sub>3</sub> <sup>2-</sup>						
CO						

<sup>1</sup>Draw 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.

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<u>H</u> CN						
H <u>2</u> CO						
<u>Br</u> F <sub>3</sub>						
C <sub>2</sub> H <sub>4</sub>						
<u>Xe</u> F <sub>2</sub>						
<u>S</u> O <sub>4</sub> <sup>2-</sup>						
<u>N</u> O <sub>2</sub>						

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