

Chemistry 11  
**Atomic Theory IV Check Point**  
 ✓ VSEPR

Name: *Key*  
 Date:  
 Block:

Fill in the blanks for the following table:

Molecule	Lewis Diagram	Notation	Shape
PCl <sub>5</sub>		AX <sub>5</sub>	Name: <i>trigonal bipyramidal</i> Diagram:
CH <sub>4</sub>		AX <sub>4</sub>	Name: Tetrahedral Diagram:
BeCl <sub>2</sub>		AX <sub>2</sub>	Name: <i>linear</i> Diagram:

Molecule	Lewis Diagram	Notation	Shape
SF <sub>6</sub>		AX <sub>6</sub>	Name: Octahedral Diagram:
NH <sub>3</sub>		AX <sub>3</sub> E	Name: trigonal pyramidal Diagram:
H <sub>2</sub> Se		AX <sub>2</sub> E <sub>2</sub>	Name: bent Diagram: