**Chemistry B Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Period\_\_\_\_\_**

**VSEPR Worksheet**

1) What is the main idea behind VSEPR theory?

2) For each of the following compounds, determine the bond angles, molecular shapes, and hybridizations for all atoms:

 a) carbon tetrachloride

 b) BH3

 c) silicon disulfide

 d) C2H2

 e) PF3