**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