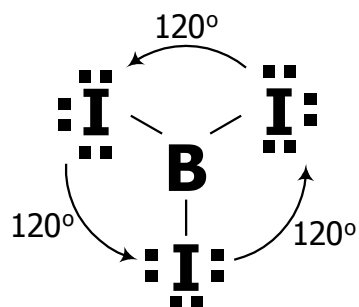




1) **Electrons are negatively charged and like repels like so the atoms in a molecule will likely be as far away from each other as possible.**

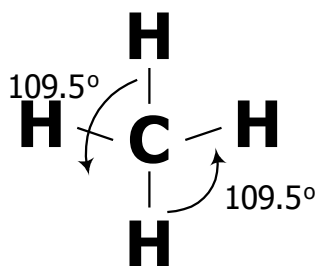
2)

a)  $\text{BI}_3$



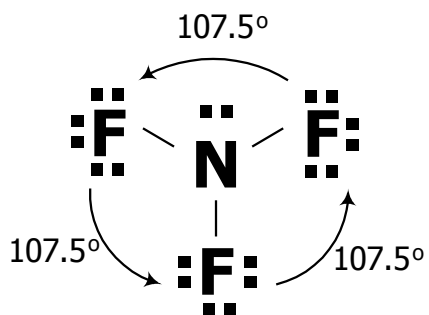
**trigonal planar**

b)  $\text{CH}_4$



**tetrahedral**

c)  $\text{NF}_3$



**trigonal pyramidal**

d)  $\text{C}_2\text{H}_2$

