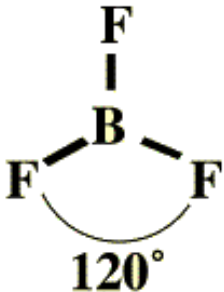
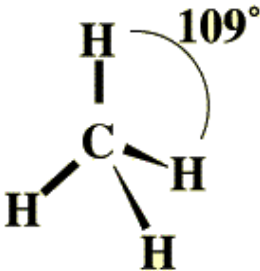
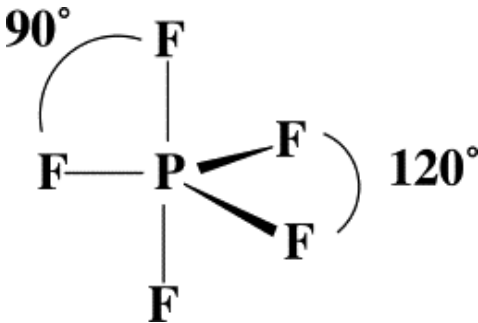
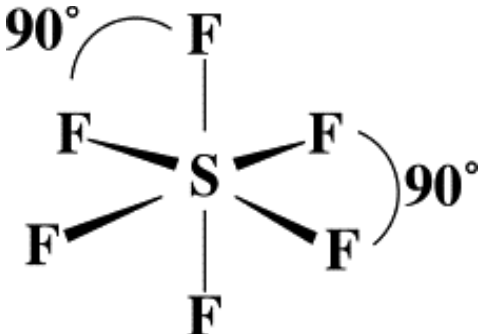


VSEPR Guide

<i>Number of Electron Clouds</i>	<i>VSEPR Hybridization</i>	<i>Example</i>	<i>Electron Pair Geometry</i>
2	sp	 Diagram of BeF_2 showing linear geometry with a bond angle of 180°.	<i>linear</i>
3	sp^2	 Diagram of BF_3 showing trigonal planar geometry with a bond angle of 120°.	<i>trigonal planar</i>
4	sp^3	 Diagram of CH_4 showing tetrahedral geometry with a bond angle of 109°.	<i>tetrahedral</i>
5	sp^3d	 Diagram of PF_5 showing trigonal bipyramidal geometry with bond angles of 90° and 120°.	<i>trigonal bipyramid</i>
6	sp^3d^2	 Diagram of SF_6 showing octahedral geometry with bond angles of 90°.	<i>octahedral</i>