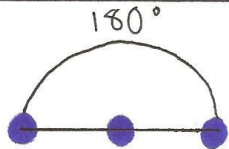

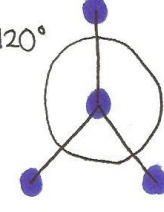


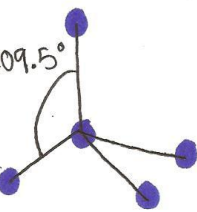
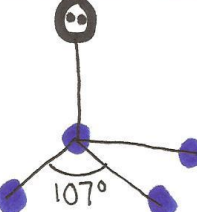
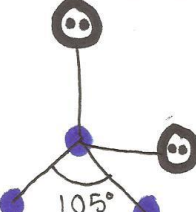
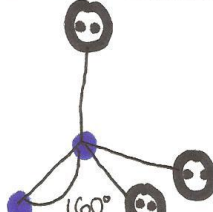
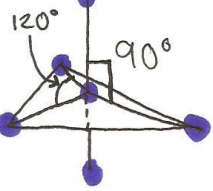
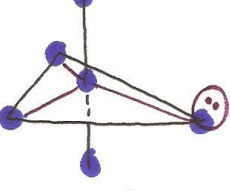
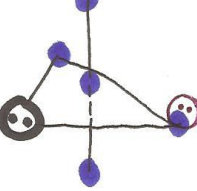
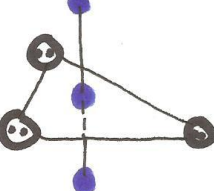
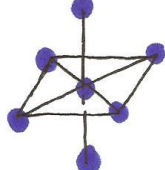
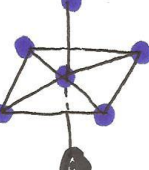
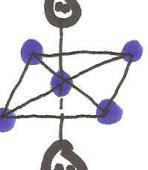


Total
Bonds +
Lone
Pairs

Molecular Geometry

☹ Non-bonding
pairs
● Ligands

<p>2</p> <p>sp</p> <p>Hybridization</p>	 <p>Linear</p>  <p>Linear</p>
<p>3</p> <p>sp^2</p>	 <p>Trigonal Planar</p>  <p>Angular (V-shape)</p>  <p>Linear</p>
<p>4</p> <p>sp^3</p>	 <p>Tetrahedron</p>  <p>Pyramidal (Trigonal Pyramid)</p>  <p>Angular</p>  <p>Linear</p>
<p>5</p> <p>sp^3d</p>	 <p>Trigonal Bipyramid</p>  <p>Distorted Tetrahedral (see-saw)</p>  <p>T-Shape</p>  <p>Linear</p>
<p>6</p> <p>sp^3d^2</p>	 <p>Octahedral (all angles 90°)</p>  <p>Square Pyramid</p>  <p>Square Planar</p>