

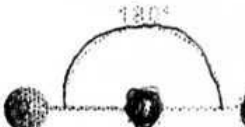

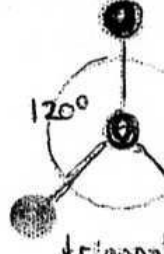
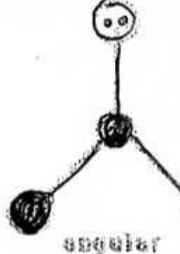

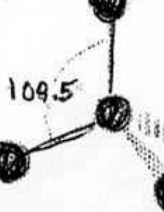
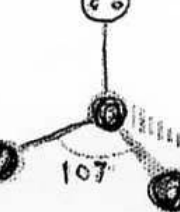
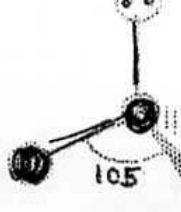
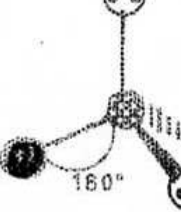
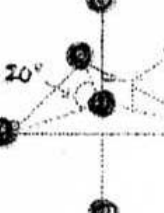
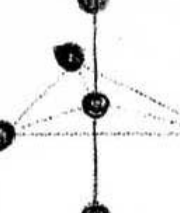
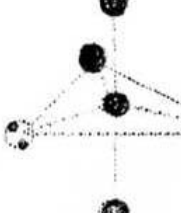
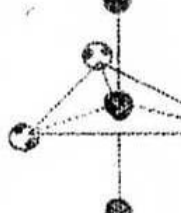
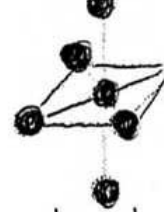
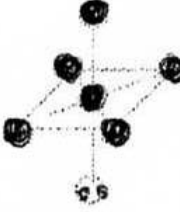
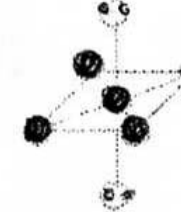


Total Bonds + lone pairs	Molecular Geometry  Non-bonding pairs  Ligands	
2 $sp$	 linear	 linear
3 $sp^2$	 trigonal planar	 angular (V-shape)  linear
4 $sp^3$	 tetrahedron	 pyramidal (trigonal pyramidal)  angular  linear
5 $sp^3d$	 trigonal bipyramidal	 distorted tetrahedral (sea-saw)  T-shape  linear
6 $sp^3d^2$	 octahedral (all angles $90^\circ$ )	 square pyramid  square planar