
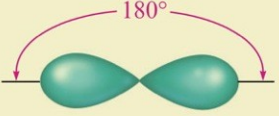

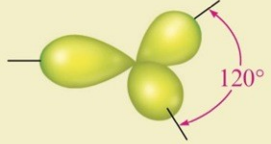

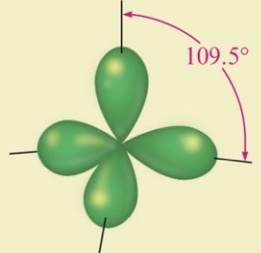

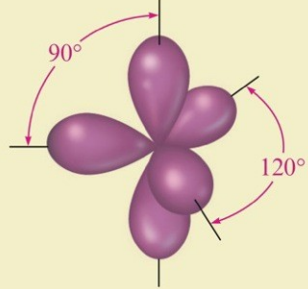



Relationship of the Number of Effective Pairs, Their Spatial Arrangement, and the Hybrid Orbital Set Required

Number of Effective Pairs	Arrangement of Pairs	Hybridization Required
2	 Linear	sp 
3	 Trigonal planar	sp^2 
4	 Tetrahedral	sp^3 
5	 Trigonal bipyramidal	dsp^3 
6	 Octahedral	d^2sp^3 