

## Summary VSEPR and Hybridization Table

Electron Domains	Electron-Domain Geometry	Predicted Bond Angle(s)	Hybridization of Central Atom	Molecular Geometry		
				0 Lone Pair	1 Lone Pair	2 Lone Pair
2	Linear	180°	sp	Linear		
3	Trigonal Planar	120°	sp <sup>2</sup>	Trigonal Planar	Bent	
4	Tetrahedral	109.5°	sp <sup>3</sup>	Tetrahedral	Trigonal Pyramidal	Bent
5	Trigonal Bipyramidal	90°, 120°	sp <sup>3</sup> d	Trigonal Bipyramidal	Seesaw	T-shaped
6	Octahedral	90°	sp <sup>3</sup> d <sup>2</sup>	Octahedral	Square Pyramidal	Square Planar

