

Electron Groups	Bonding Groups	Lone Pairs	Electron Geometry	Molecular Geometry	Approximate Bond Angles
2	2	0	Linear	Linear	180°
3	3	0	Trigonal planar	Trigonal planar	120°
3	2	1	Trigonal planar	Bent	<120°
4	4	0	Tetrahedral	Tetrahedral	109.5°
4	3	1	Tetrahedral	Trigonal pyramidal	<109.5°
4	2	2	Tetrahedral	Bent	<<109.5°
5	5	0	Trigonal bipyramidal	Trigonal bipyramidal	120° (equatorial) 90° (axial)
5	4	1	Trigonal bipyramidal	Seesaw	<120° (equatorial) <90° (axial)
5	3	2	Trigonal bipyramidal	T-shaped	<90°
5	2	3	Trigonal bipyramidal	Linear	180°
6	6	0	Octahedral	Octahedral	90°
6	5	1	Octahedral	Square pyramidal	<90°
6	4	2	Octahedral	Square planar	90°