

No. of Electron Pair Pairs	Electron Pair Geometry (Bond Angle)	No. of Pendant Atoms	Molecular Geometry	Example Formula	Image
2	linear (180°)	2	linear	BeH_2	
3	trigonal planar (120°)	3	trigonal planar	CO_3^{2-}	
		2	bent	NO_2^-	
4	tetrahedral (109.5°)	4	tetrahedral	CH_4	
	(107 deg)	3	trigonal pyramidal	NH_3	
	(104.5 deg)	2	bent	H_2O	
5	trigonal bipyramidal (90°, 120°)	5	trigonal bipyramidal	PCl_5	
		4	see-saw	SF_4	
		3	T-shaped	BrF_3	
		2	linear	ICl_2^-	
6	octahedral (90°)	6	octahedral	SF_6	
		5	square pyramidal	BrF_5	
		4	square planar	ICl_4^-	