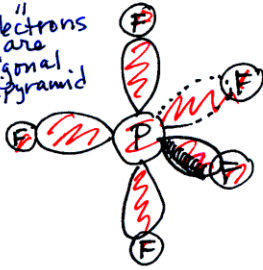


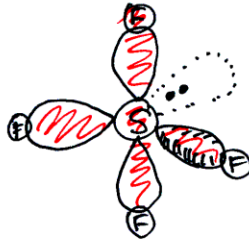
Extended Octets: hybridization & geometry.

sp^3d : 5 electron pairs: variations on trigonal bipyramid

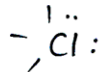
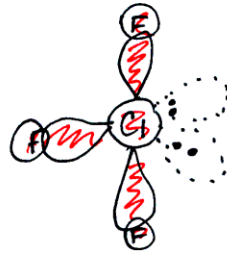
4 electrons are trigonal bipyramid



trigonal bipyramid



see-saw

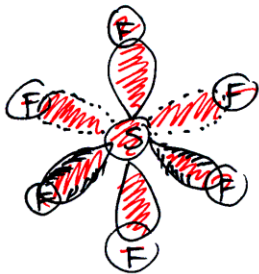


T-shaped

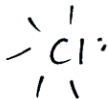


linear

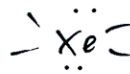
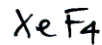
sp^3d^2 : 6 electron pairs variations on octahedral (electrons are octahedral)



octahedral



square pyramid.



square planar