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33.XeO3F2

34. XeOF4

35. XeO3

36.XeO4

- 37.XeF5
- 38.XeF5

SN = 5  
Hy6: 
$$Sp^3d$$
.  
Shape:  $TSp$ .

- 34) SN=6.

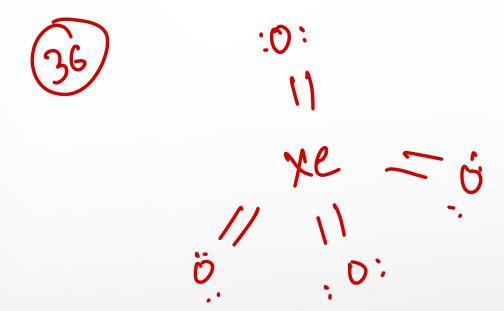
  Hyb: Sp3d2

  Hyb: Spyane pyramidal. F (.) F

  Shape: Square pyramidal.
- Shape: Trigonal pyramidel

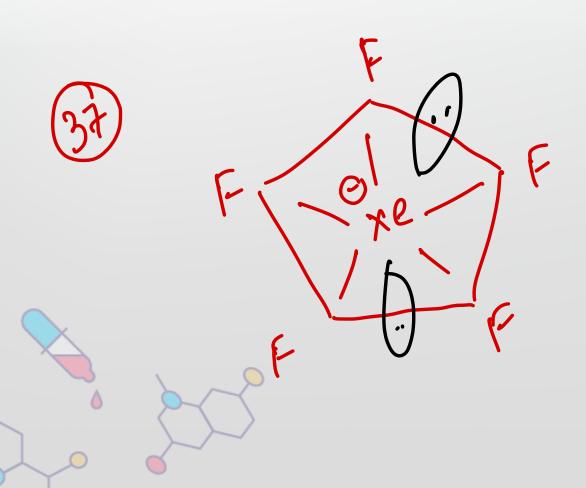
  Shape: Trigonal pyramidel



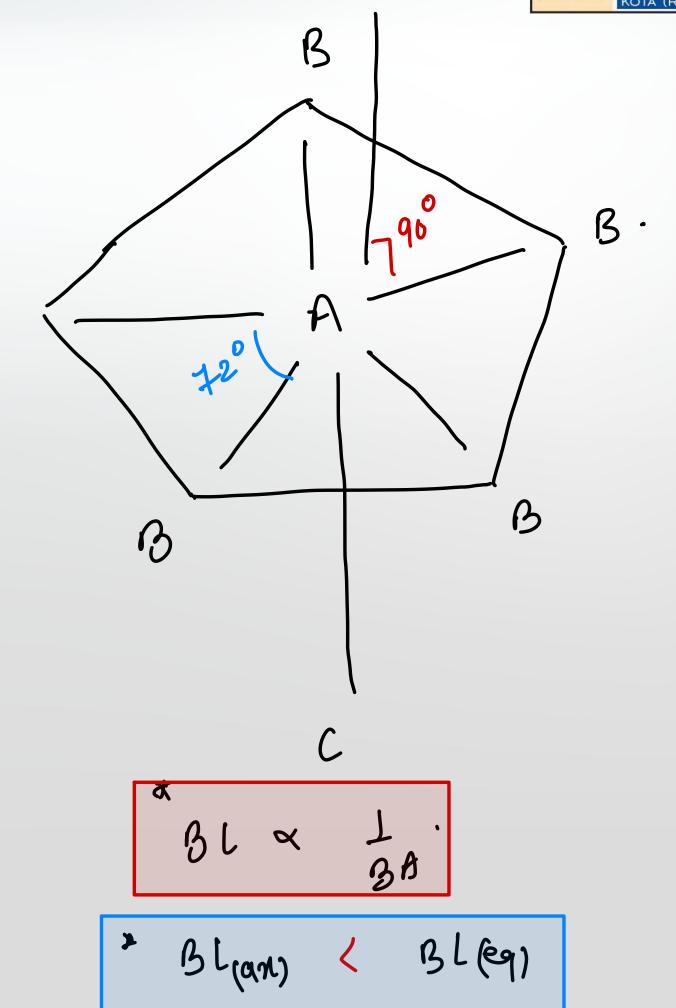


Hyb: Sp³
Shape: Te trahedral.
SN= 4

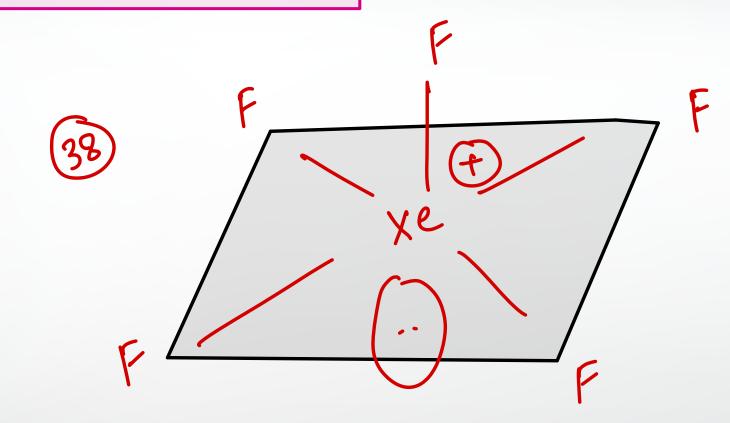
B



Hyb:  $sp^3d^3$ Shape: pentagonal planar.







Hyb: Sp3d²
Shape: Square pyramidal.



39. BrF5

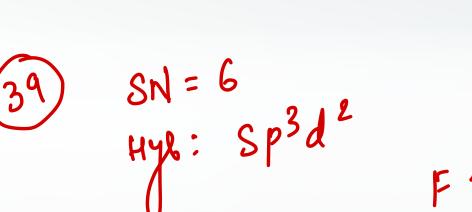
40 .[I(CN)2]

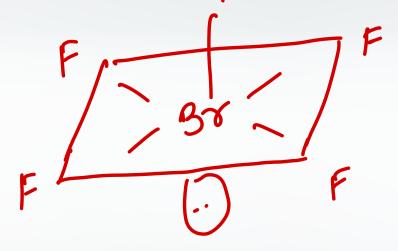
41. POC13

42.C2H6

43. C2H4

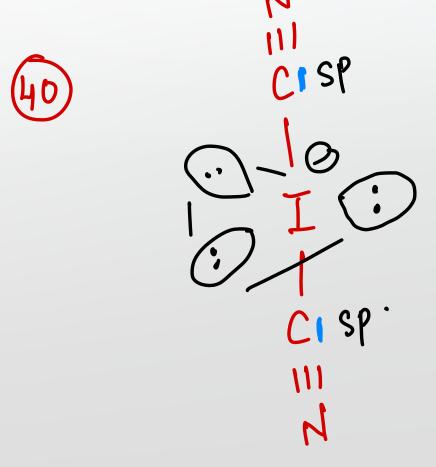
44.C2H2



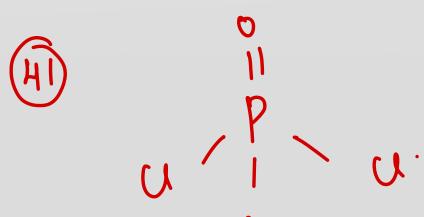




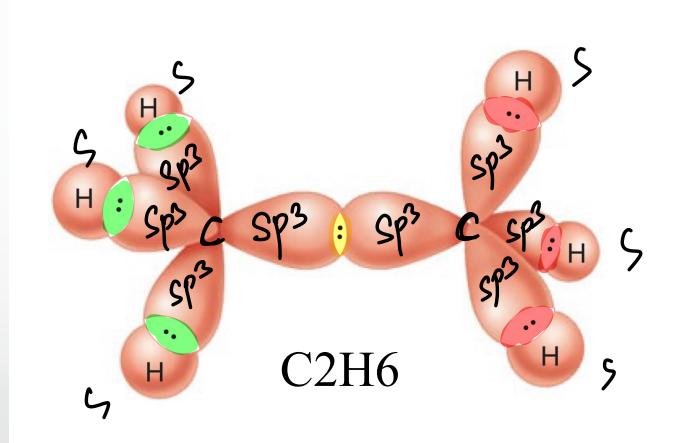


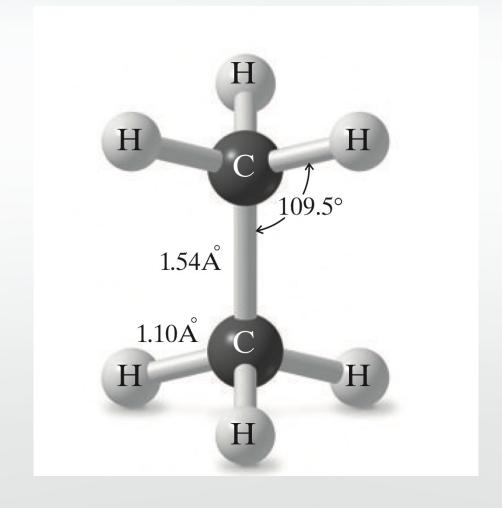


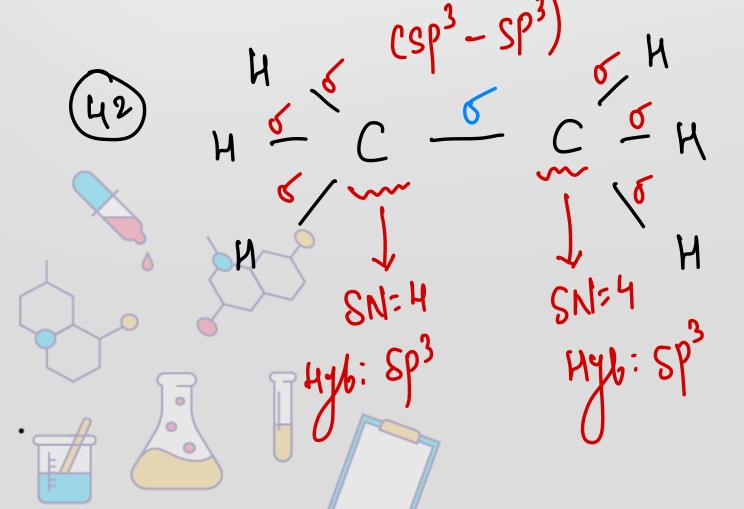






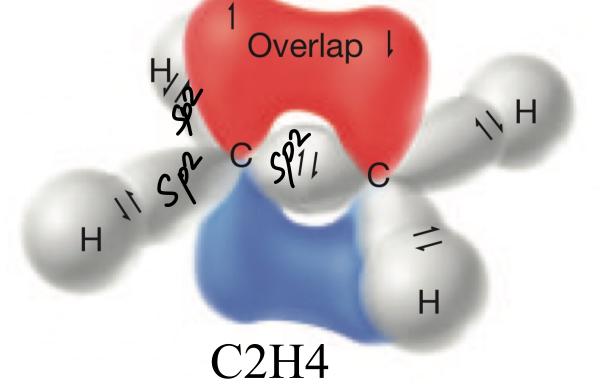


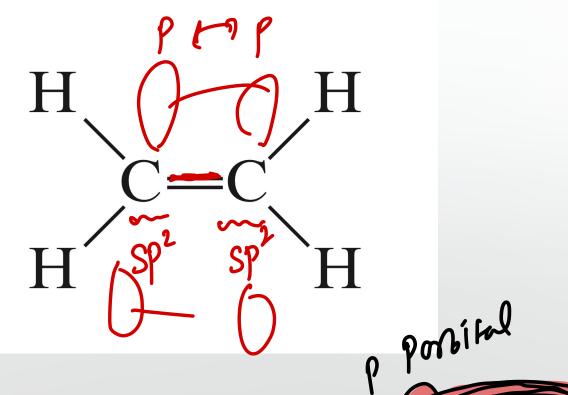


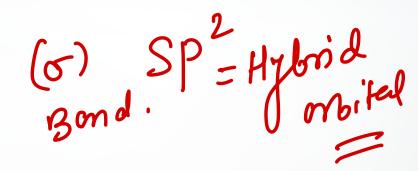


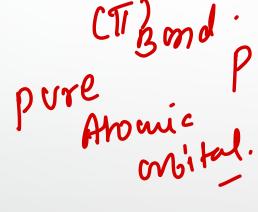


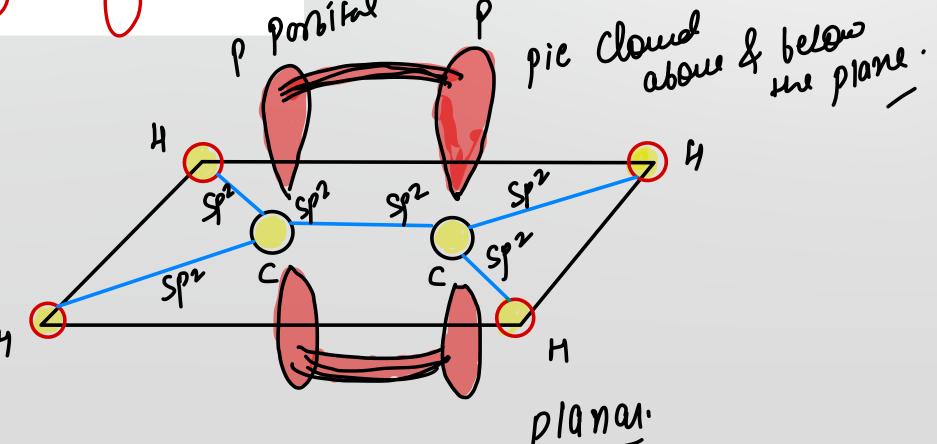
# Pie bond formed by p-p sidewise overlapping

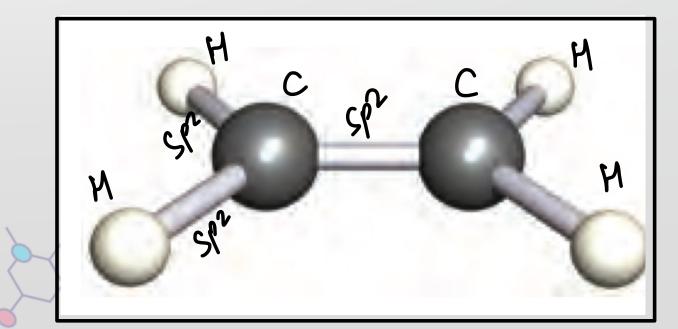








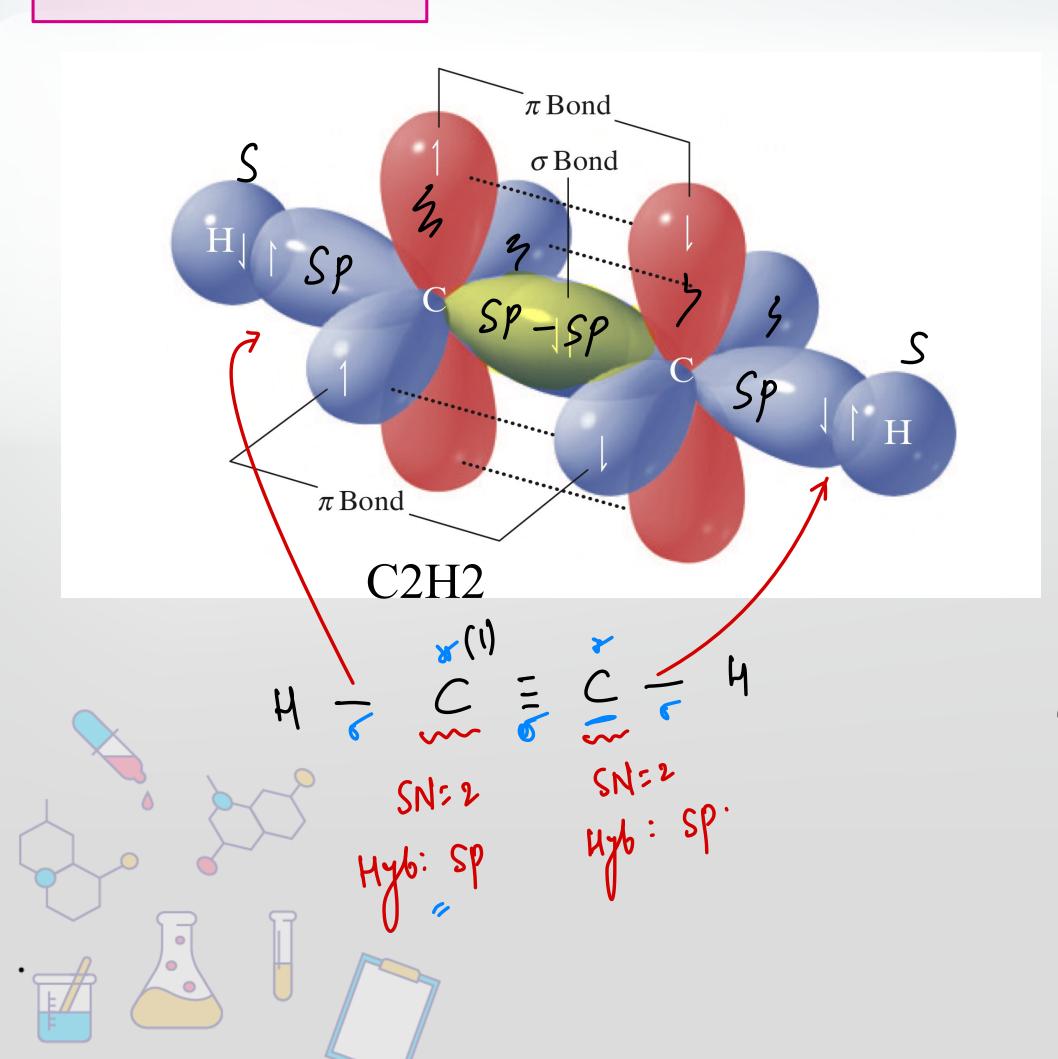


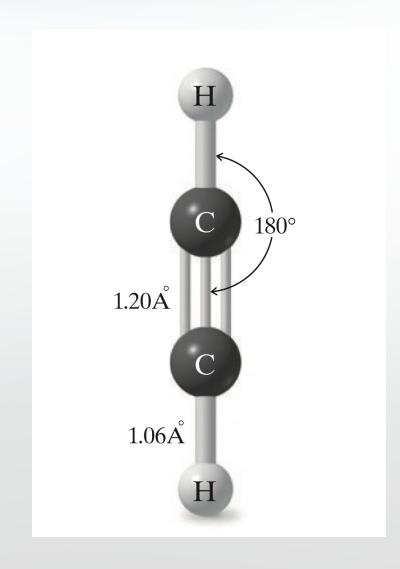


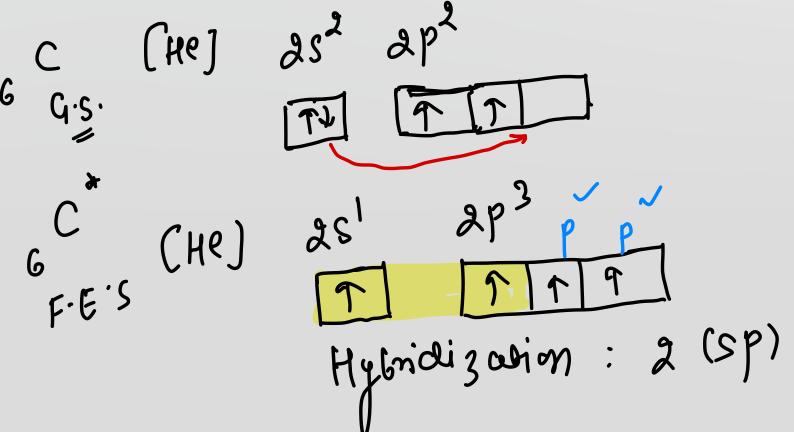




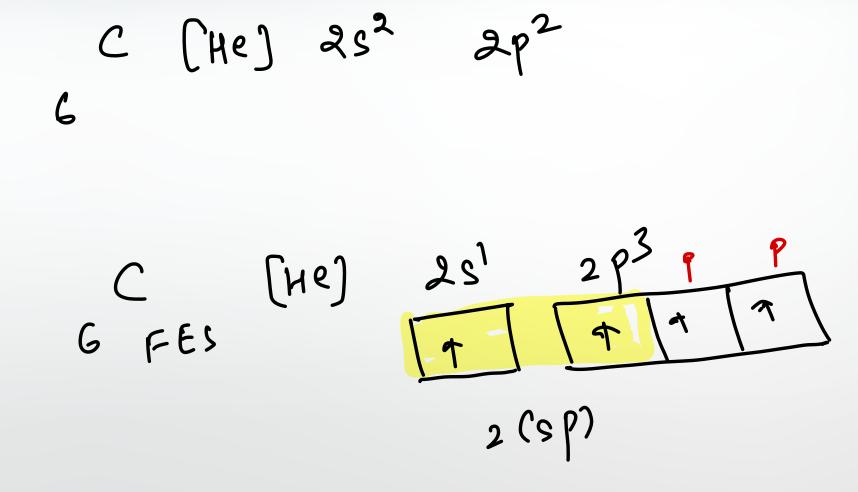








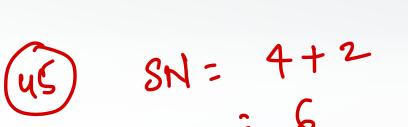


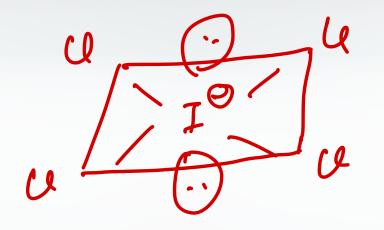




- 45. IC14
- 46. SF2
- 47. XeF3
- 48. ICl4
- +2 49. XeO2F2
- 50. IF5





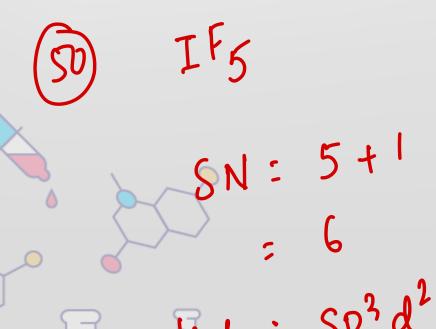


Geo: Square planar.



Geo: Sel-Saw.



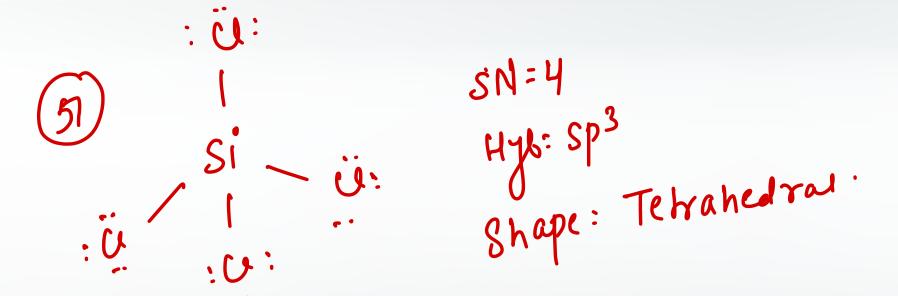


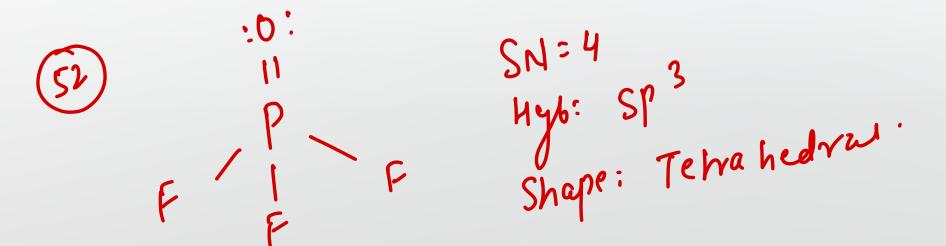
Gev: square pyramidal,

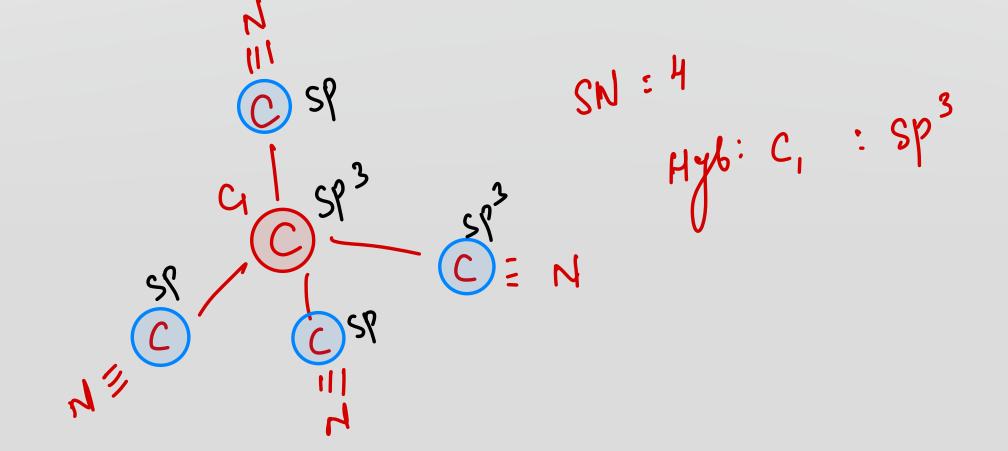
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- 51. SiCl4
- 52. POF3
- 53. C(CN)4
- 54. PF6
- 55. HCN
- 56. H3BO3

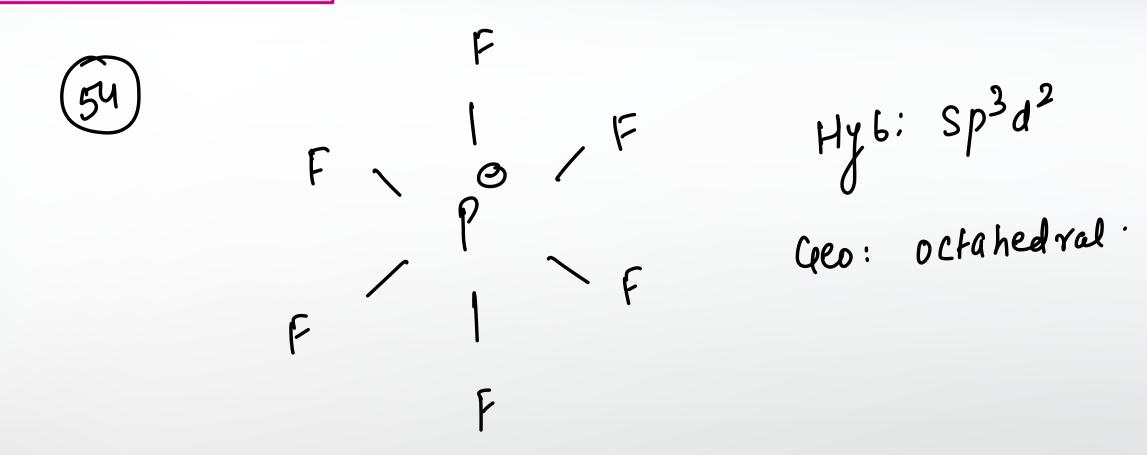
(53)





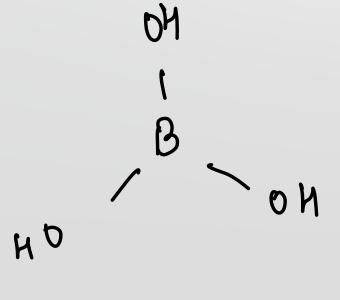








Hyb: Sp2



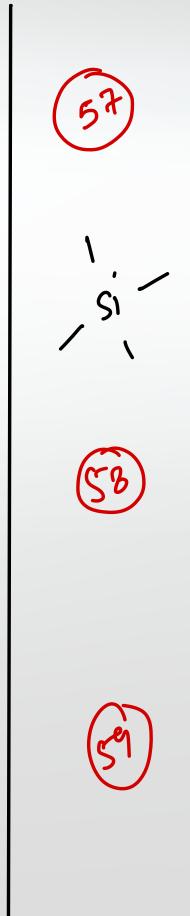
58. NH2(amide ion)

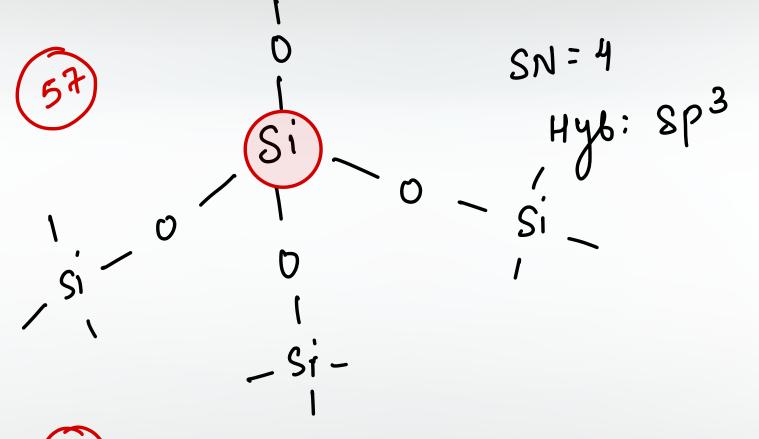
59. N2H4 (hydrazine)

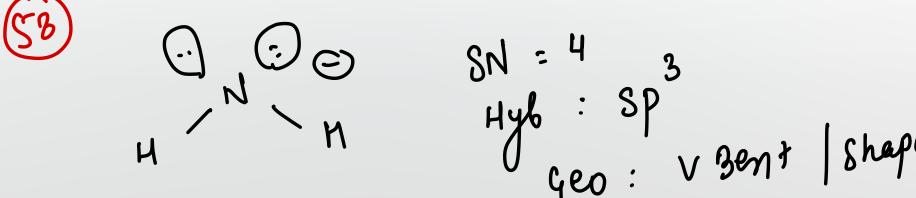
60 .SOCl2(Thionyl chloride)

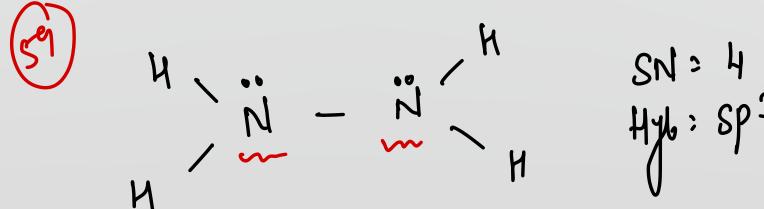
61.SO2Cl2 (sulfuryl chloride)

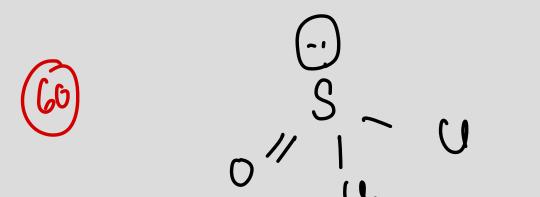
62. PC12F3











SN=4 Geo: Trigmol
Hyb: Sp3 pyramidal

