

VSEPR Theory Worksheet

Fill in the boxes for each of the following.

Problem	Lewis Structure	Hybridization	Molecular Geometry	Bond Angles
1. CCl_4				
2. ClO_2^-				
3. XeF_2				
4. XeOF_4				
5. HCN				
6. ClO_3^-				
7. XeO_4				

8. OF₂				
9. CO₃²⁻				
10. NH₃				
11. NH₄⁺				
12. BrF₃				
13. TiCl₄				
14. PCl₆⁻				
15. H₂Se				