Rules for Determining Molecular Shape: Electron Domain Theory

1. write the Lewis structure
    - ⇨ electron distribution
    - ⇨ skeleton

2. classify each electron pair about the central atom as bonding (B) or nonbonding (NB)

3. maximize separation between domains

4. give more space to NB domains and to B domains comprising multiple bonds

5. place NB domains at equatorial positions in a trigonal bipyramid