| Molecule | Dot Diagram | 3D structure | electron domains around center | Electron Domain Geometry | Molecular Geometry | Approximate bond angles | Bond Type(s) (polar or non-polar) | Type of Molecule (polar or non-polar) Based on Symmetry |
|---|---|---|---|---|---|---|---|---|
| $PH_3$ | | | | | | | | |
| $CF_4$ | | | | | | | | |
| $SO_2$ | | | | | | | | |
| $H_2O$ | | | | | | | | |
| $F_2$ | | | | | | | | |

| Molecule | Dot Diagram | 3D structure | electron domains around center | Electron Domain Geometry | Molecular Geometry | Approximate bond angles | Bond Type (polar or non-polar) | Type of Molecule (polar or non-polar) Based on Symmetry |
|---|---|---|---|---|---|---|---|---|
| $I_2$ | | | | | | | | |
| $H_2O_2$ | | | | | | | | |
| $CH_2S$ | | | | | | | | |
| $PF_3$ | | | | | | | | |
| $CO_2$ | | | | | | | | |