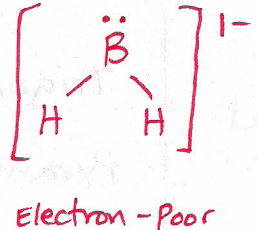
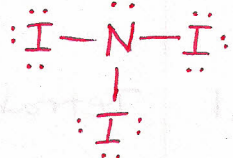
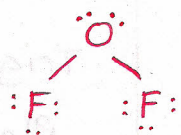
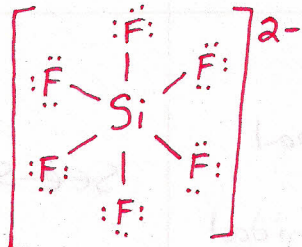
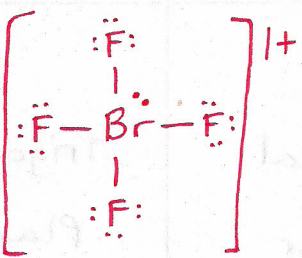


Chemical Formula	Total Val. e ⁻	Lewis Structure	Electron Pair Geometry (EPG)	Molecular Geometry (MG)	VSEPR Term
BeF ₂	16e ⁻	$\begin{array}{c} \text{:}\ddot{\text{F}}\text{---Be---}\ddot{\text{F}}\text{:} \\ \text{Electron-Poor} \end{array}$	Linear	Linear	AB ₂ E ₀
O ₃	18e ⁻	$\begin{array}{c} \text{:}\ddot{\text{O}}\text{:} \\ \diagup \quad \diagdown \\ \text{:}\ddot{\text{O}}\text{:} \quad \text{:}\ddot{\text{O}}\text{:} \\ \updownarrow \\ \text{:}\ddot{\text{O}}\text{:} \\ \diagdown \quad \diagup \\ \text{:}\ddot{\text{O}}\text{:} \quad \text{:}\ddot{\text{O}}\text{:} \\ \text{Resonance} \end{array}$	Trigonal Planar	Bent	AB ₂ E ₁
SO ₄ ²⁻	32e ⁻	$\left[\begin{array}{c} \text{:}\ddot{\text{O}}\text{:} \\ \\ \text{:}\ddot{\text{O}}\text{---S---}\ddot{\text{O}}\text{:} \\ \\ \text{:}\ddot{\text{O}}\text{:} \end{array} \right]^{2-}$	Tetrahedral	Tetrahedral	AB ₄ E ₀
ClO ₂ ⁻	20e ⁻	$\left[\begin{array}{c} \text{:}\ddot{\text{Cl}}\text{:} \\ \diagup \quad \diagdown \\ \text{:}\ddot{\text{O}}\text{:} \quad \text{:}\ddot{\text{O}}\text{:} \end{array} \right]^{-}$	Tetrahedral	Bent	AB ₂ E ₂
PF ₃	26e ⁻	$\begin{array}{c} \text{:}\ddot{\text{F}}\text{---}\ddot{\text{P}}\text{---}\ddot{\text{F}}\text{:} \\ \\ \text{:}\ddot{\text{F}}\text{:} \end{array}$	Tetrahedral	Trigonal Pyramidal	AB ₃ E ₁

Chemical Formula	Total Val. e-	Lewis Structure	Electron Pair Geometry (EPG)	Molecular Geometry (MG)	VSEPR Term
H ₂ S	8e ⁻		Tetrahedral	Bent	AB ₂ E ₂
CCl ₂ F ₂	32e ⁻		Tetrahedral	Tetrahedral	AB ₄ E ₀
SI ₆	48e ⁻	<p>Expanded-Octet</p>	Octahedral	Octahedral	AB ₆ E ₀
CHCl ₃	26e ⁻		Tetrahedral	Tetrahedral	AB ₄ E ₀
NCl ₃	26e ⁻		Tetrahedral	Trigonal Pyramidal	AB ₃ E ₁

Chemical Formula	Total Val. e-	Lewis Structure	Electron Pair Geometry (EPG)	Molecular Geometry (MG)	VSEPR Term
BH_2^-	$6e^-$	 <p>Electron-Poor</p>	Trigonal Planar	Bent	AB_2E_1
NI_3	$26e^-$		Tetrahedral	Trigonal Pyramidal	AB_3E_1
OF_2	$20e^-$		Tetrahedral	Bent	AB_2E_2
SiF_6^{2-}	$48e^-$	 <p>Expanded-Octet</p>	Octahedral	Octahedral	AB_6E_0
BrF_4^+	$34e^-$	 <p>Expanded-Octet</p>	Trigonal Bipyramidal	See-Saw	AB_4E_1

Chemical Formula	Total Val. e-	Lewis Structure	Electron Pair Geometry (EPG)	Molecular Geometry (MG)	VSEPR Term
SeO_3^{2-}	$26e^-$		Tetrahedral	Trigonal Pyramidal	AB_3E_1
CH_2Cl_2	$20e^-$		Tetrahedral	Tetrahedral	AB_4E_0
HBF_2	$18e^-$	<p>Electron-poor</p>	Trigonal Planar	Trigonal Planar	AB_3E_0
ClF_4^+	$34e^-$	<p>Expanded-Octet</p>	Trigonal Bipyramidal	See-Saw	AB_4E_1
CO_3^{2-}	$24e^-$	<p>Resonance</p>	Trigonal Planar	Trigonal Planar	AB_3E_0