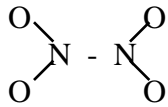


Lewis Structure of Compound	Shape	Polar / Nonpolar	Lewis Structure of Compound	Shape	Polar / Nonpolar
F ₂ O			C ₂ H ₂		
NH ₃			N ₂ O ₄ 		
PCl ₃			C ₂ H ₄ (CH ₂ CH ₂)		
H ₂ S			NO ₃ ⁻¹		
CH ₃ OH			HCN		
H ₂ O ₂			BCl ₃ (B only has 6 e's)		
CO ₂			NO ₂ (one O has 7 e's)		
O ₃			CH ₃ NCO		
SO ₂			SO ₃ ⁻²		
NO (N has 7 e's in final)			N ₂ F ₂		
SO ₃			CO ₃ ⁻²		

Lewis Structure of Compound	Shape	Polar / Nonpolar	Lewis Structure of Compound	Shape	Polar / Nonpolar
$\begin{array}{c} \text{F}_2\text{O} \\ \text{xx} \quad \text{xx} \quad \text{xx} \\ \text{xx} \text{F} - \text{F} - \text{O} \text{xx} \\ \text{xx} \quad \text{xx} \quad \text{xx} \end{array}$	Bent	Polar	$\begin{array}{c} \text{C}_2\text{H}_2 \\ \text{H} - \text{C} \equiv \text{C} - \text{H} \end{array}$	Linear	Nonpolar
$\begin{array}{c} \text{NH}_3 \\ \text{xx} \\ \text{H} - \text{N} - \text{H} \\ / \\ \text{H} \end{array}$	Pyramidal	Polar	$\begin{array}{c} \text{N}_2\text{O}_4 \\ \text{xx} \quad \text{xx} \\ \text{xx} \text{O} \text{xx} \quad \text{xx} \text{O} \text{xx} \\ / \quad \backslash \\ \text{xx} \text{O} \text{xx} \quad \text{xx} \text{O} \text{xx} \end{array}$	Double Trigonal Planar	Nonpolar
$\begin{array}{c} \text{PCl}_3 \\ \text{xx} \quad \text{xx} \quad \text{xx} \\ \text{xx} \text{Cl} - \text{P} - \text{Cl} \text{xx} \\ \text{xx} \quad / \quad \text{xx} \\ \text{xx} \text{Cl} \text{xx} \\ \text{xx} \end{array}$	Pyramidal	Polar	$\begin{array}{c} \text{C}_2\text{H}_4 \text{ (CH}_2\text{CH}_2\text{)} \\ \text{H} \text{C} = \text{C} \text{H} \\ \text{H} \quad \text{H} \end{array}$	Double Trigonal Planar	Nonpolar
$\begin{array}{c} \text{H}_2\text{S} \\ \text{xx} \\ \text{H} - \text{S} - \text{H} \\ \text{xx} \end{array}$	Bent	Polar	$\begin{array}{c} \text{NO}_3^{-1} \\ \text{xx} \text{O} \text{xx} \\ \text{xx} \quad // \quad \text{xx} \\ \text{xx} \text{O} - \text{N} - \text{O} \text{xx} \\ \text{xx} \quad \text{xx} \quad \text{xx} \end{array}$	Trigonal Planar	Negative Charge
$\begin{array}{c} \text{CH}_3\text{OH} \\ \text{H} \text{xx} \\ \text{H} - \text{C} - \text{O} - \text{H} \\ \text{H} \text{xx} \end{array}$	Tetrahedral with Bend	Polar	$\begin{array}{c} \text{HCN} \\ \text{H} - \text{C} \equiv \text{N} \text{xx} \end{array}$	Linear	Polar
$\begin{array}{c} \text{H}_2\text{O}_2 \\ \text{xx} \quad \text{xx} \\ \text{H} - \text{O} - \text{O} - \text{H} \\ \text{xx} \quad \text{xx} \end{array}$	Double Bent	Polar	$\begin{array}{c} \text{BCl}_3 \text{ (B only has 6 e's in final)} \\ \text{xx} \\ \text{xx} \text{Cl} \text{xx} \quad \text{xx} \\ \text{xx} \text{Cl} - \text{B} - \text{Cl} \text{xx} \\ \text{xx} \quad \text{xx} \end{array}$	Trigonal Planar	Nonpolar
$\begin{array}{c} \text{CO}_2 \\ \text{xx} \quad \text{xx} \\ \text{O} = \text{C} = \text{O} \\ \text{xx} \quad \text{xx} \end{array}$	Linear	Nonpolar	$\begin{array}{c} \text{NO}_2 \text{ (one O has 7 e's in final)} \\ \text{xx} \quad \text{xx} \quad \text{xx} \\ \text{xx} \text{O} - \text{N} = \text{O} \text{xx} \\ \text{xx} \quad \text{x} \end{array}$	Bent	Polar
$\begin{array}{c} \text{O}_3 \\ \text{xx} \quad \text{xx} \quad \text{xx} \\ \text{xx} \text{O} - \text{O} = \text{O} \\ \text{xx} \quad \text{xx} \end{array}$	Bent	Polar	$\begin{array}{c} \text{CH}_3\text{NCO} \\ \text{H} \\ / \quad \text{xx} \quad \text{xx} \\ \text{H} - \text{C} - \text{N} = \text{C} = \text{O} \\ / \quad \text{xx} \\ \text{H} \end{array}$	Tetrahedral with Bend and Linear	Polar
$\begin{array}{c} \text{SO}_2 \\ \text{xx} \quad \text{xx} \quad \text{xx} \\ \text{xx} \text{O} - \text{S} = \text{O} \\ \text{xx} \quad \text{xx} \end{array}$	Bent	Polar	$\begin{array}{c} \text{SO}_3^{-2} \\ \text{xx} \\ \text{xx} \text{O} \text{xx} \\ \text{xx} \quad / \quad \text{xx} \\ \text{xx} \text{O} - \text{S} - \text{O} \text{xx} \\ \text{xx} \quad \text{xx} \quad \text{xx} \end{array}$	Trigonal Planar	Negative Charge
$\begin{array}{c} \text{NO (N has 7 e's in final)} \\ \text{xx} \quad \text{xx} \\ \text{x} \text{N} = \text{O} \text{xx} \end{array}$	Linear	Polar	$\begin{array}{c} \text{N}_2\text{F}_2 \\ \text{xx} \quad \text{xx} \quad \text{xx} \quad \text{xx} \\ \text{xx} \text{F} - \text{N} = \text{N} - \text{F} \text{xx} \\ \text{xx} \quad \text{xx} \end{array}$	Double Bent	Polar
$\begin{array}{c} \text{SO}_3 \\ \text{xx} \text{O} \text{xx} \\ \text{xx} \quad // \quad \text{xx} \\ \text{xx} \text{O} - \text{S} - \text{O} \text{xx} \\ \text{xx} \quad \text{xx} \end{array}$	Trigonal Planar	Nonpolar	$\begin{array}{c} \text{CO}_3^{-2} \\ \text{xx} \text{O} \text{xx} \\ \text{xx} \quad // \quad \text{xx} \\ \text{xx} \text{O} - \text{C} - \text{O} \text{xx} \\ \text{xx} \quad \text{xx} \end{array}$	Trigonal Planar	Negative Charge