

Pre-AP Chemistry/Chemistry I
Unit #5—Bonding

Homework Part II

Lewis Structures for Type III Binary Molecular Compounds—Covalent

Chlorine Gas, Cl ₂	Oxygen Gas, O ₂
Nitrogen Gas, N ₂	Iodine Solid, I ₂

Lewis Structures for Type III Binary Molecular Compounds/Binary Acids—Polar Covalent with Single Bonds

Nitrogen Trichloride, NCl ₃	Hydrochloric Acid, HCl
Carbon Tetrachloride, CCl ₄	Hydrosulfuric Acid, H ₂ S