

Purpose and Procedure

In this lab we will learn the various types of bonding structures that each molecule can be composed of in this lab report. We will be using the Lewis structure to draw our molecules. The correct rule is very important as it is part of the Lewis structure and we will be using it throughout the lab.

Object rule is we will always place the lowest group # in the Lewis structure all other elements surround it. We will also the center that way all other valence electrons. We will also need to know how to find the total valence electrons and name draw the bonds to show the structure. We will state the shape, name, polar/nonpolar, we will show the bonding and non bonding electrons and name each structure accordingly. We will also find in part B and if it is an isomer or not. We will repeat part A in part C by yourself. the stability of certain molecules.