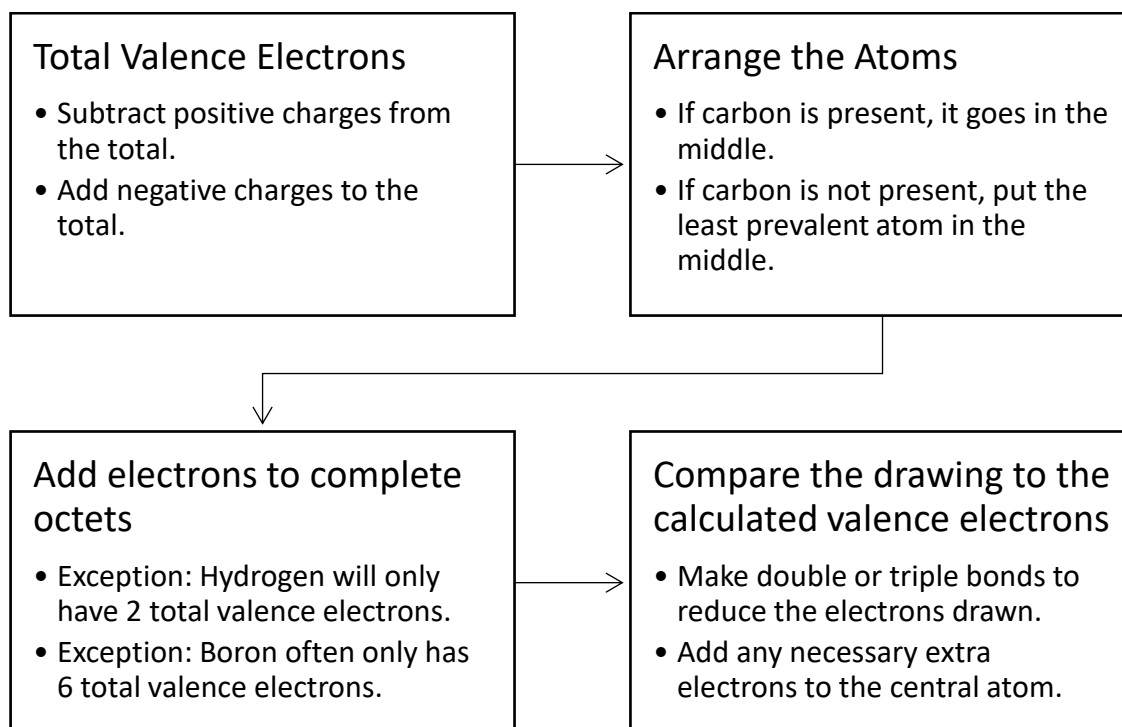


## Lewis Structure Steps

Lewis Structures are drawings that indicate:

- The location of the atoms within a molecule.
- The type of bond between the atoms in a molecule.
- The location of any unshared valence electrons in a molecule.

Steps for drawing a Lewis Structure:



Remember:

- In order to draw a double bond, a pair of electrons should be removed from both of the atoms that the bond touches.
- Only elements in groups 3 and below on the periodic table can exceed the octet rule.

Check yourself:

- Does every atom drawn have a complete octet? Exceptions: hydrogen and boron.
- Does the number of valence electrons match the number of electrons drawn?