

Lewis Structures Part 1: The Basics

Consider the following compound:



How many valence electrons? _____

Draw the skeletal structure

Distribute the electrons about each peripheral atom

If there are electrons left over, place them on the central atom

Count the electrons around each atom. Does each atom have an octet?

Consider the following ion:



How many valence electrons?

Draw the Lewis structure

Is this a valid Lewis structure? Why?