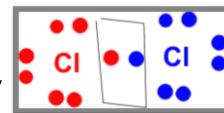
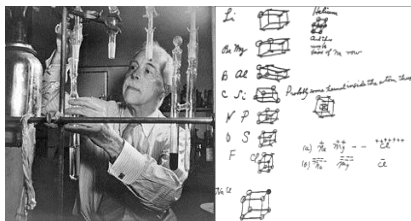


Lewis Dot Diagram

1916



_____ , which are also called Lewis dot diagrams, are very useful tools in Chemistry.

They will give you the ability to _____

_____ that an element may make in certain situations.

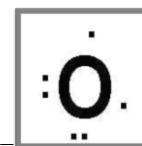
They can also be used to _____

Each dot diagram consists of; an _____, which represents the _____, and a _____ which shows the _____



_____ of the atom, also called the _____.

The "O" in the example represents the _____ (_____).

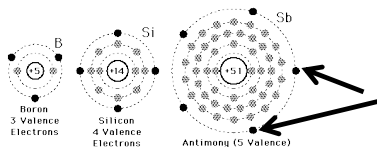


Each of the four "sides" of the symbol represents an _____

Since each orbital can hold only _____, the _____

_____. The six dots show the configuration of the _____.

To make a Lewis dot diagram, you need to know how many _____



The valence electrons are the _____

Begin by filling in _____ of the elemental symbol.

Place the remaining dots in either a _____

with _____

Remember that _____



Practice

Draw the Lewis Dot Diagrams for the following elements:

1) Francium

2) Lead

3) Radon