**Bohr Diagrams – Ions and Bonding Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Draw a Bohr diagram for each of the following IONS. Pay attention to the charge!!

|  |  |  |
| --- | --- | --- |
| **Ion** | **# of electrons** | **Bohr diagram** |
| F- |  |  |
| Na+ |  |  |
| O2- |  |  |

1. Ionic Bonding – for each of the following, draw Bohr diagrams to show the situation BEFORE and AFTER the electron(s) is/are transferred.



1. Sodium and Chlorine



1. Lithium and Fluorine



1. Berylium and Oxygen



1. Magnesium and Chlorine and Chlorine



1. Lithium and Lithium and Oxygen

