Chemistry I Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Criss-Cross Rule Practice

Complete the following table, being sure that the total charge of the resulting compound is zero.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ions** | Chloride  Cl- | Phosphide  P3- | Oxide  O2- | Sulfate Ion  SO42- |
| Hydrogen  H+ |  |  |  |  |
| Calcium  Ca2+ |  |  |  |  |
| Aluminum  Al3+ |  |  |  |  |
| Lithium  Li+ |  |  |  |  |
| Zinc  Zn2+ |  |  |  |  |
| Potassium  K+ |  |  |  |  |
| Gallium  Ga3+ |  |  |  |  |