|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **How many valence electrons does each element have?** | **Is the element a metal or nonmetal?** | **How many electrons would the element need to gain or lose to be *isoelectric* with the nearest noble gas?** | **What is the charge of the ion?** |
| Li |  |  |  |  |
| Be |  |  |  |  |
| N |  |  |  |  |
| O |  |  |  |  |
| F |  |  |  |  |
| Na |  |  |  |  |
| Mg |  |  |  |  |
| Al |  |  |  |  |
| P |  |  |  |  |
| S |  |  |  |  |
| Cl |  |  |  |  |
| Br |  |  |  |  |