**Determining the Ionic Charge**

|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **Property** | **Before Making an Octet** | **After Making an Octet** |
| **Li** | **electron config** |  |  |
| **# protons** |  |  |
| **#electrons** |  |  |
| **charge** |  |  |
| **Bohr Diagram** |  |  |
| **Lewis Dot Structure** |  |  |
| **Be** | **electron config** |  |  |
| **# protons** |  |  |
| **#electrons** |  |  |
| **charge** |  |  |
| **Bohr Diagram** |  |  |
| **Lewis Dot Structure** |  |  |
| **B** | **electron config** |  |  |
| **# protons** |  |  |
| **#electrons** |  |  |
| **charge** |  |  |
| **Bohr Diagram** |  |  |
| **Lewis Dot Structure** |  |  |

Skip Carbon

|  |  |  |  |
| --- | --- | --- | --- |
| **N** | **electron config** |  |  |
| **# protons** |  |  |
| **#electrons** |  |  |
| **charge** |  |  |
| **Bohr Diagram** |  |  |
| **Lewis Dot Structure** |  |  |
| **O** | **electron config** |  |  |
| **# protons** |  |  |
| **#electrons** |  |  |
| **charge** |  |  |
| **Bohr Diagram** |  |  |
| **Lewis Dot Structure** |  |  |
| **F** | **electron config** |  |  |
| **# protons** |  |  |
| **#electrons** |  |  |
| **charge** |  |  |
| **Bohr Diagram** |  |  |
| **Lewis Dot Structure** |  |  |
| **Ne** | **electron config** |  |  |
| **# protons** |  |  |
| **#electrons** |  |  |
| **charge** |  |  |
| **Bohr Diagram** |  |  |
| **Lewis Dot**  |  |  |