**Rules:**

* Proton Number = Atomic Number
* Electron Number = Proton Number
* Electrons exist in energy shells outside the nucleus
  + 2 maximum in the first shell
  + 8 maximum in the second shell
  + 8 maximum in the third shell

Use your periodic table to complete the following list of the first 20 elements.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Element  Symbol** | **Atomic  Number** | **Proton Number** | **Neutron Number** | **Electron Number** | **1st Shell Electrons** | **2nd Shell Electrons** | **3rd Shell Electrons** | **Diagram** |
| H | 1 | 1 | 0 | 1 | 1 | 0 | 0 |  |
| He |  |  |  |  |  |  |  |  |
| Li |  |  |  |  |  |  |  |  |
| Be |  |  |  |  |  |  |  |  |
| B |  |  |  |  |  |  |  |  |
| C |  |  |  |  |  |  |  |  |
| N |  |  |  |  |  |  |  |  |
| O |  |  |  |  |  |  |  |  |
| F |  |  |  |  |  |  |  |  |
| **Element  Symbol** | **Atomic  Number** | **Proton Number** | **Neutron Number** | **Electron Number** | **1st Shell Electrons** | **2nd Shell Electrons** | **3rd Shell Electrons** | **Diagram** |
| Ne |  |  |  |  |  |  |  |  |
| Na |  |  |  |  |  |  |  |  |
| Mg |  |  |  |  |  |  |  |  |
| Al |  |  |  |  |  |  |  |  |
| Si |  |  |  |  |  |  |  |  |
| P |  |  |  |  |  |  |  |  |
| S |  |  |  |  |  |  |  |  |
| Cl |  |  |  |  |  |  |  |  |
| Ar |  |  |  |  |  |  |  |  |
| K |  |  |  |  |  |  |  |  |
| Ca |  |  |  |  |  |  |  |  |