Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Periodic Table Study Guide**

* Periods
  + What is a period?
  + Where are they found on the periodic table?
* Groups

O What is a group?

O Where are they found on the periodic table?

Metals, Nonmetals, and Metalloids

* Metals: List 3 Characteristics Below



* Nonmetals: List 3 Characteristics Below
* Metalloids (semi-metals): List 3 Characteristics Below

Who 1st arranged the periodic table?

How was it arranged?

1. *Number the periods on your period table from 1 to 7*

|  |
| --- |
| Alkali Metals 8 valence electrons—outer energy level is full  Alkaline Earth Metals 1 valence electron  Transition Metals 2 valence electrons  Halogens 3 Valence Shell Electrons  Noble Gases 4 Valence Shell Electrons  5 Valence Shell Electrons  6 Valence Shell Electrons  7 valence electrons |

1. *Label the following groups & properties on the periodic table below:*

