

Worksheet: Introduction to the Periodic Table Name _____

Fill in the correct name - Mendeleev or Moseley - to complete each of the following statements.

_____ predicted properties for elements missing from his periodic table.

_____ discovered that each element has a unique atomic number.

_____ arranged elements according to atomic number.

_____ arranged elements according to atomic mass.

_____ had some elements out of place.

_____ placed all elements in the right place according to properties.

State the Modern Periodic Law.

What property is identical to the elements in each column of the periodic table?

Write the noble gas configuration for each of the following elements.

Lithium

Magnesium

Copper

Bromine

Silver

Tellurium

Uranium (Hint: don't forget the f-block!)