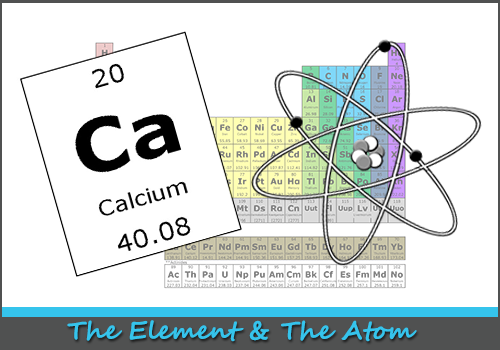
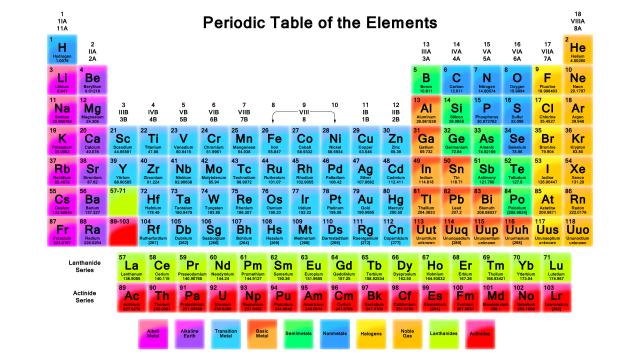
**Element**



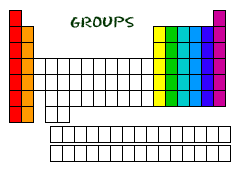
An element is a species of atoms having the same number of protons in their atomic nuclei.

**Periodic Table**



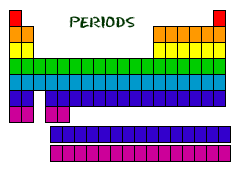
An arrangement of the elements in order of their atomic numbers such that elements with similar properties fall in the same column, or group.

**Groups**



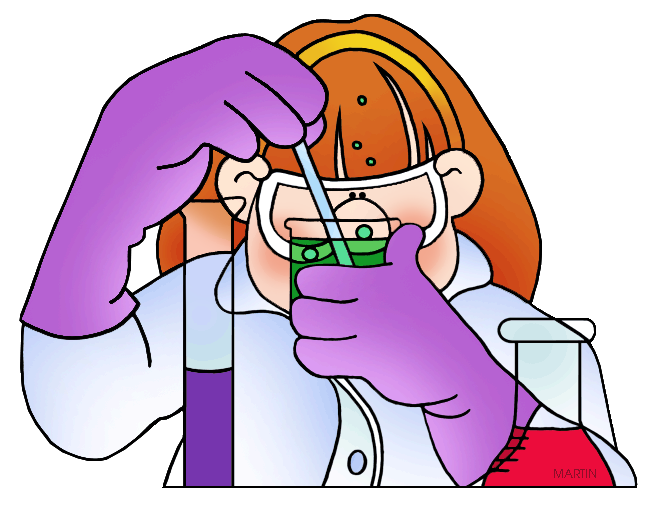
A vertical column of elements in the periodic table; elements in a group share chemical properties.

**Periods**



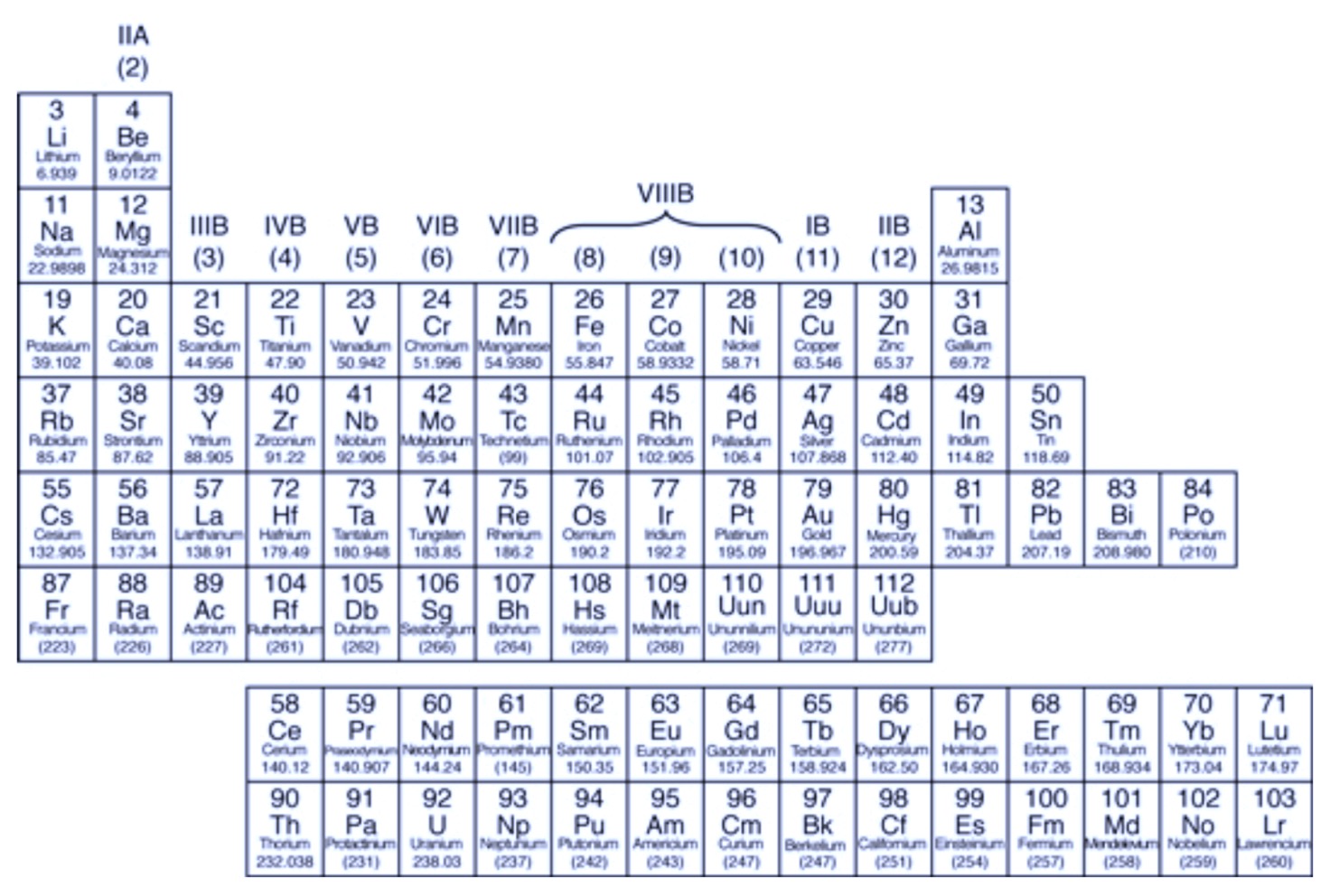
In chemistry, a horizontal row of elements in the periodic table.

**Chemistry**



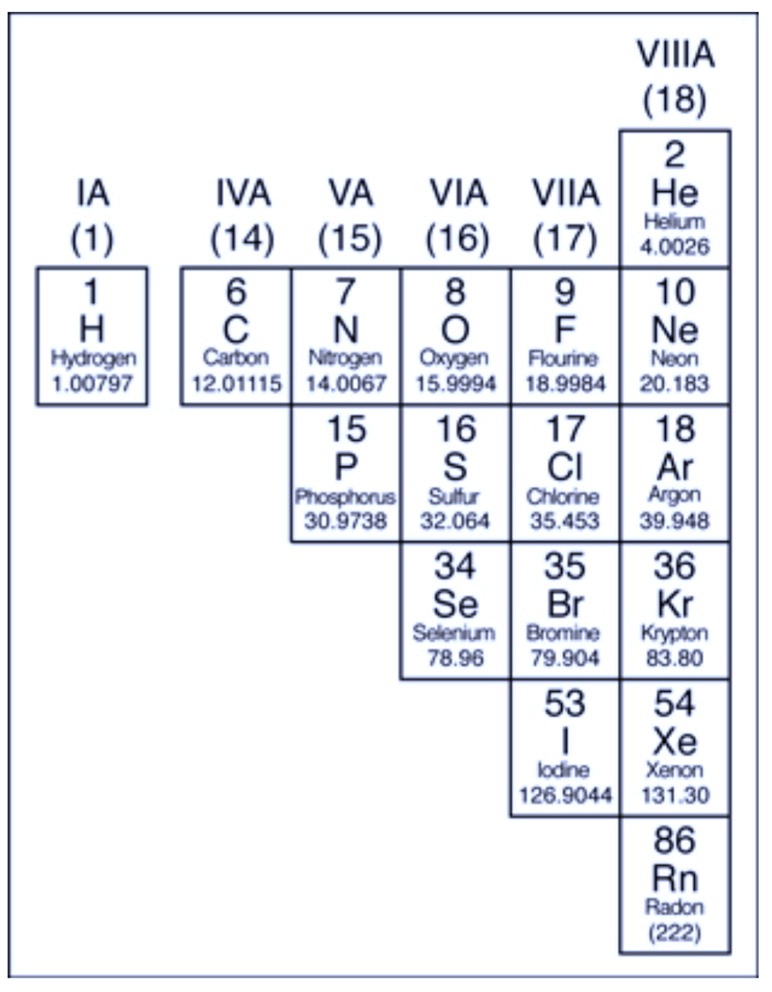
Chemistry is a branch of physical science that studies the composition, structure, properties and change of matter.

**Metals**



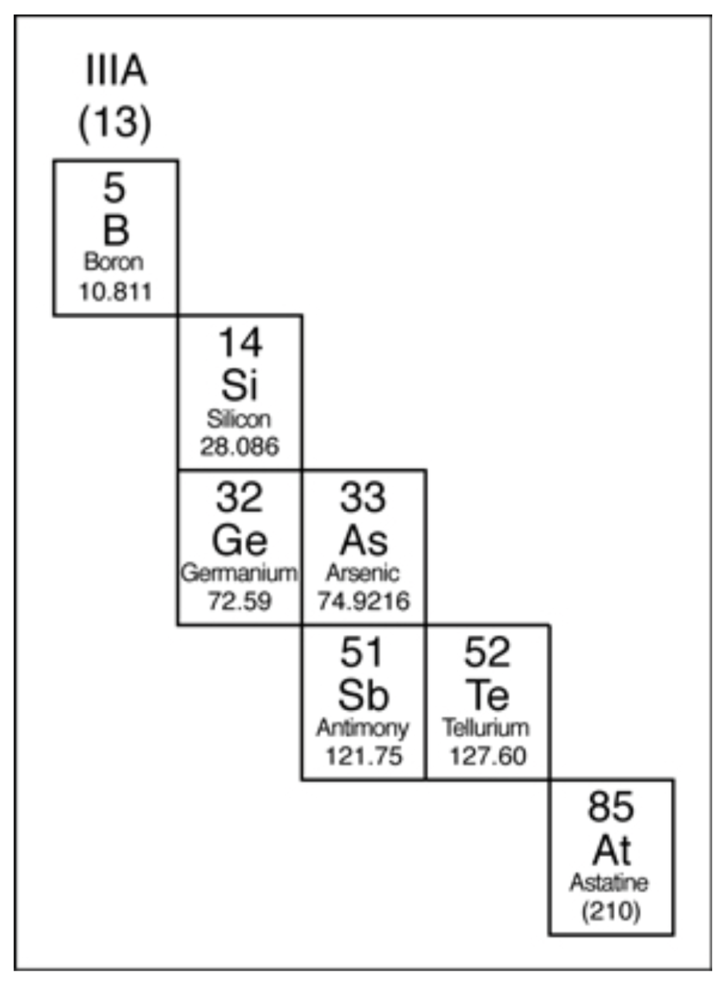
An element that is shiny and that conducts heat and electricity well.

**Non-Metals**



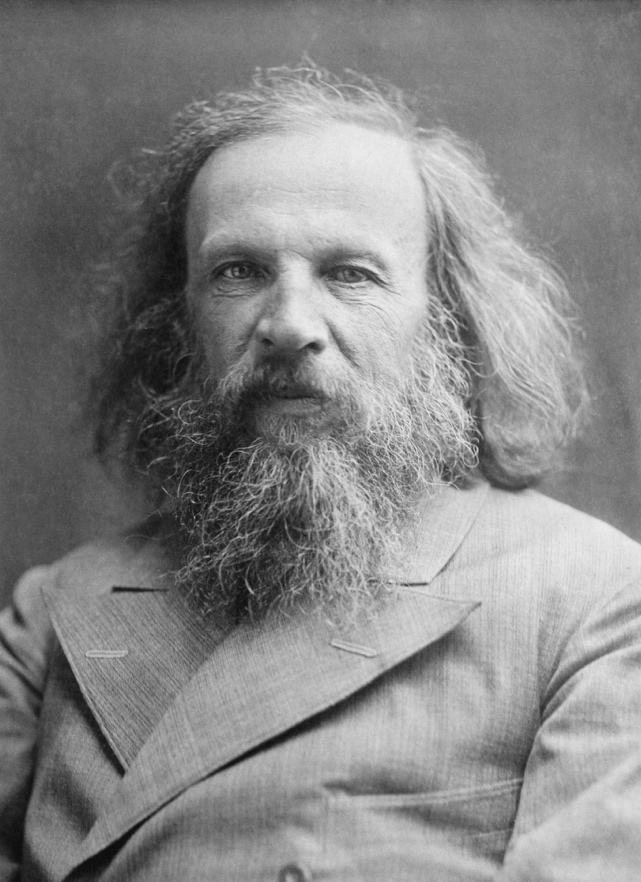
An Element that conducts heat and electricity poorly.

**Metalloids**



An element that has properties of both metals and non-metals.

**Dmitri Mendeleev**



Russian chemist, that formulated the periodic law, created a farsighted version of the periodic table of elements, and used it to correct the properties of some already discovered elements and also to predict the properties of eight elements yet to be discovered.