

Metals are shiny, ductile + good conductors of heat. They are often Solid at room temperature.

Nonmetals are often gases at room temperature, are brittle when solid and are poor conductors of heat + electricity.

Metalloids share some properties of metals and some properties of nonmetals. They are poor conductors of heat + electricity.

Noble gases are gases at room temperature and don't react with other elements.

A row of elements on the periodic table of elements. As you continue down the row, the number of valence electrons (the ones on the outer shell) goes up.

A column of elements on the periodic table. Elements in the same family share common physical and chemical properties.