



































Alkali Metals

- The alkali family is found in the first column of the periodic table.
- Atoms of the alkali metals have a single electron in their outermost level, in other words, 1 valence electron.
- They are shiny, have the consistency of clay, and are easily cut with a knife.





Alkaline Earth Metals **Transition Metals** Transition Elements • They are never found uncombined in nature. include those elements in • They have two valence electrons. Periodic Table the B families. of the Elements • These are the metals you Alkaline earth metals include magnesium and are probably most familiar: calcium, among others. copper, tin, zinc, iron, nickel, gold, and silver. Periodic Table of the Elements • They are good conductors of heat and electricity.





Halogens

- Halogens are highly reactive can be found in many minerals and in seawater
- At room temperature and pressure, fluorine and chlorine are gases, bromine is a liquid and iodine and astatine are solids
- Group 17(7) is therefore the only periodic table group exhibiting all three states of matter at room temperature





Homework • Periodic Table Worksheet • Next Class-Build a Periodic Table Lab