

Atomic Properties and the Periodic Table

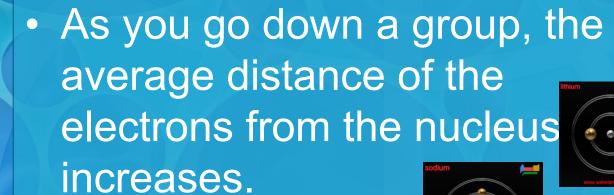


Atomic Size

- The sizes of atoms vary.
- Atoms get larger as we go down a group and get smaller as we go from left to right.

atomic size decreases

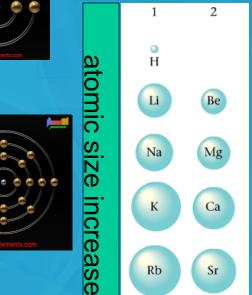
Atomic Properties and the Periodic Table



 Atoms get bigger as electrons, and thus energy levels, are added.







Atomic Properties and the Periodic Table

- As you go across a row (period) of the periodic table, the atoms are gaining electrons.
 - Since the number of protons also increases, the increase in positive charge pulls the electrons closer to the nucleus.
 - The electron "cloud" is drawn in.

