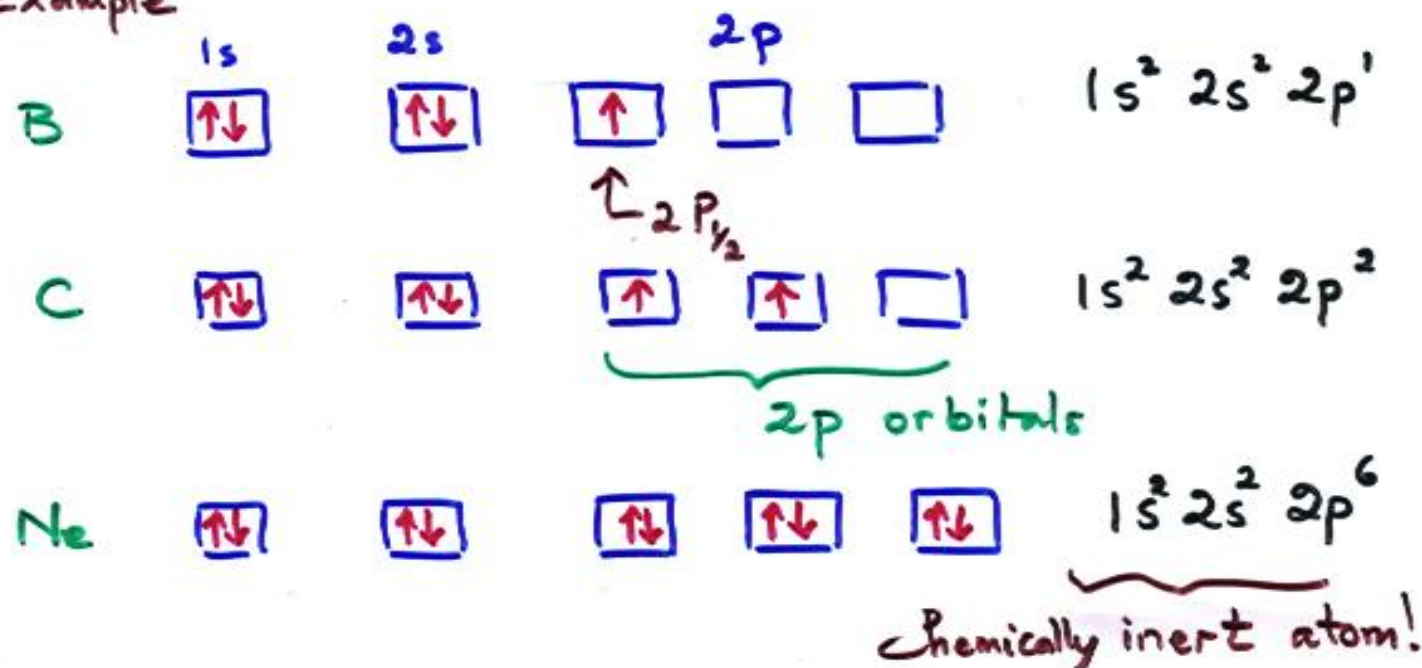


Example



The chemical properties of atoms are determined by the valence (outer) electrons.

The ionization energy is the energy necessary to remove one e^- from the outer filled subshell.

It is low when there is one e^- in the subshell and increases with increase in # of e^- in the subshell.