

PT

Each Period (↔) **STARTS** a
New energy level

Groups (↕) Similar chem prop.
(Val^{e-}, ox #)

Nov 6-9:27 AM

Trends

AT. Radius
increase
More energy levels

AT Radius
decrease.

Nov 6-9:37 AM

Ionization Energy (IE)

As Radius \uparrow , IE \downarrow

Why

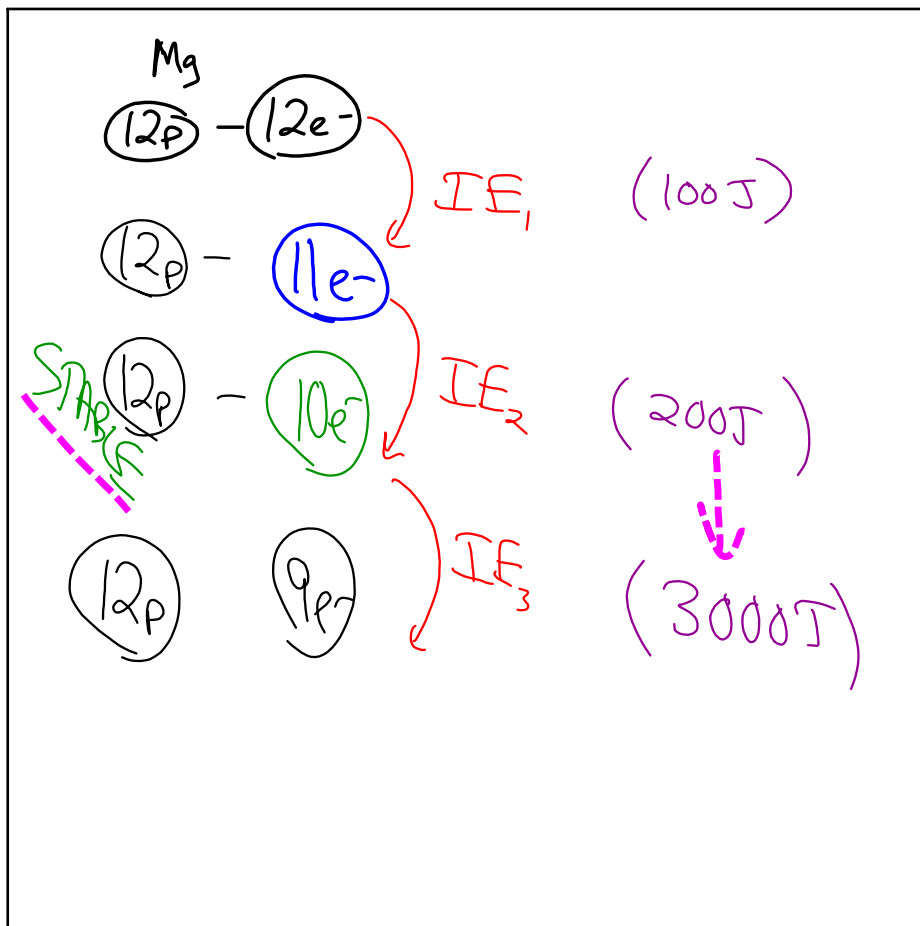
- More shielding by core e-
- farther away from nucleus.

Nov 6-9:42 AM

Grp 1 Alkali - lose $1e^-$
 IE₁

Alkaline Earth (Grp 2) - lose $2e^-$
 IE₁
 IE₂

Nov 6-9:48 AM



Nov 6-9:51 AM