

3.11.20

PT: Trends 1

Today's objectives:

- **Learn atomic radius**
- **Ionization Energy**
- **Reactivity**

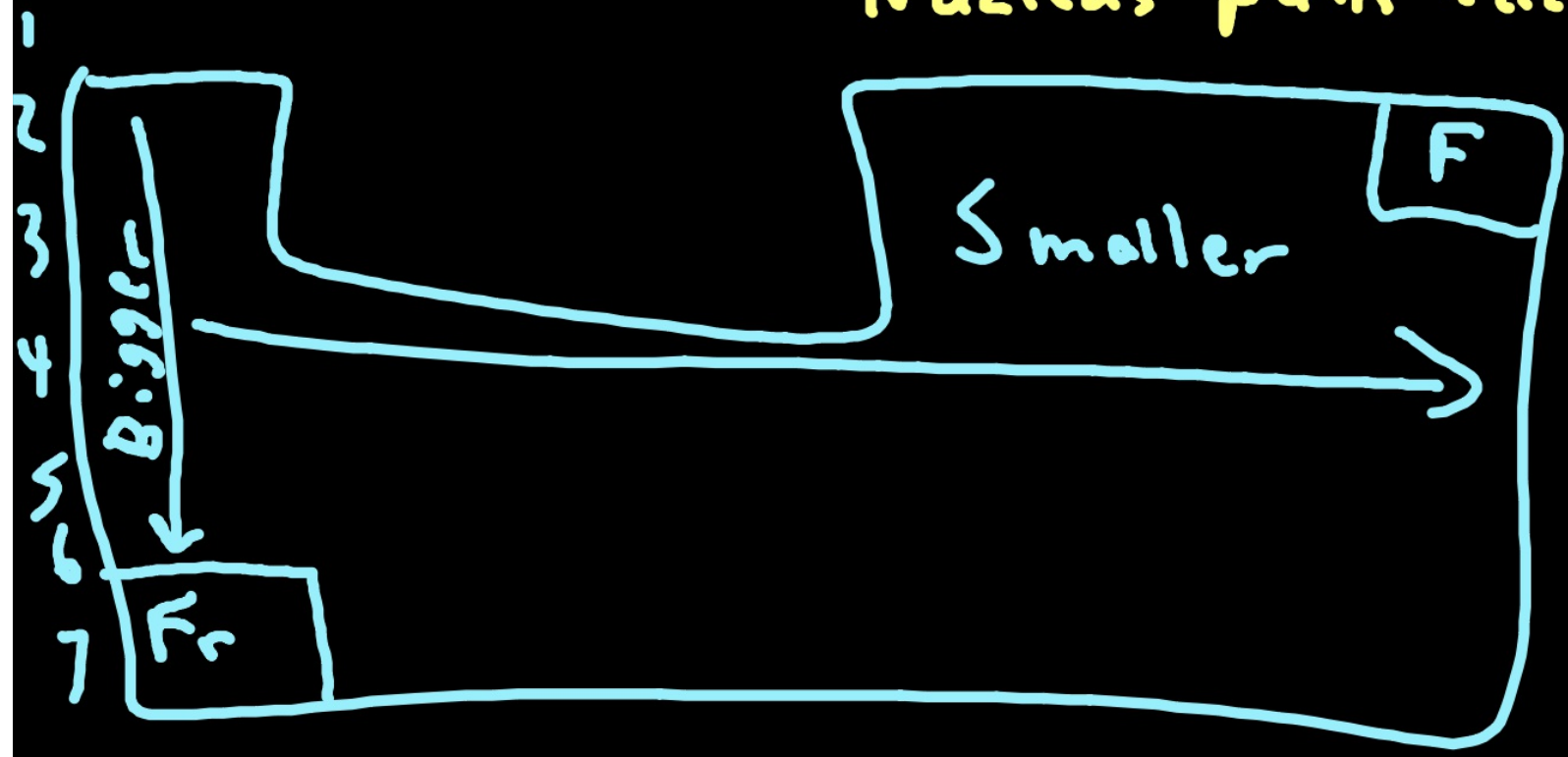
Periodic Trends

Atomic Size / Atomic Radius

$1/2$ way between 2 nuclei.

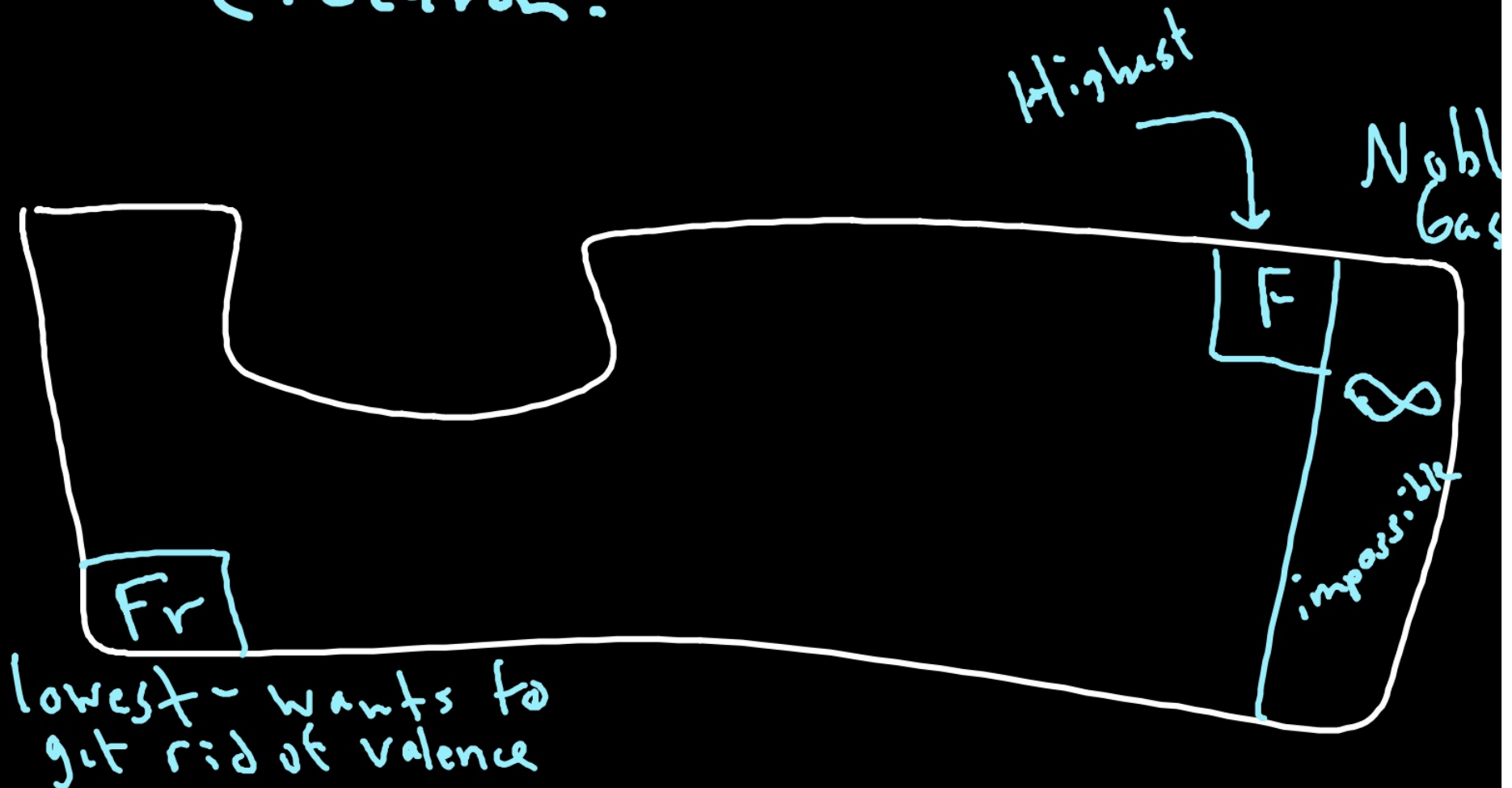
Atomic Radius Trend

Nucleus pulls electrons
inward.
Fluorine
smallest



Francium =
Biggest
has 7 energy levels

Ionization Energy - energy required to rip out 1 valence electron.



Reactivity - how easily the element
bonds with other elements.

Low
Reactivity = Gold, Silver (jewelry)
Aluminium.

High Reactivity = Iron, Sodium, Potassium

Bonus Joke:



What do I do when I get hungry???

I dine

