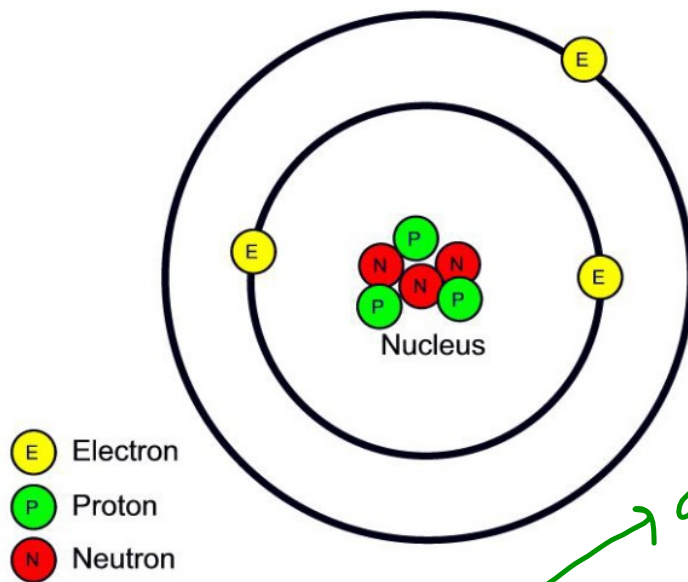


Our Atomic Model

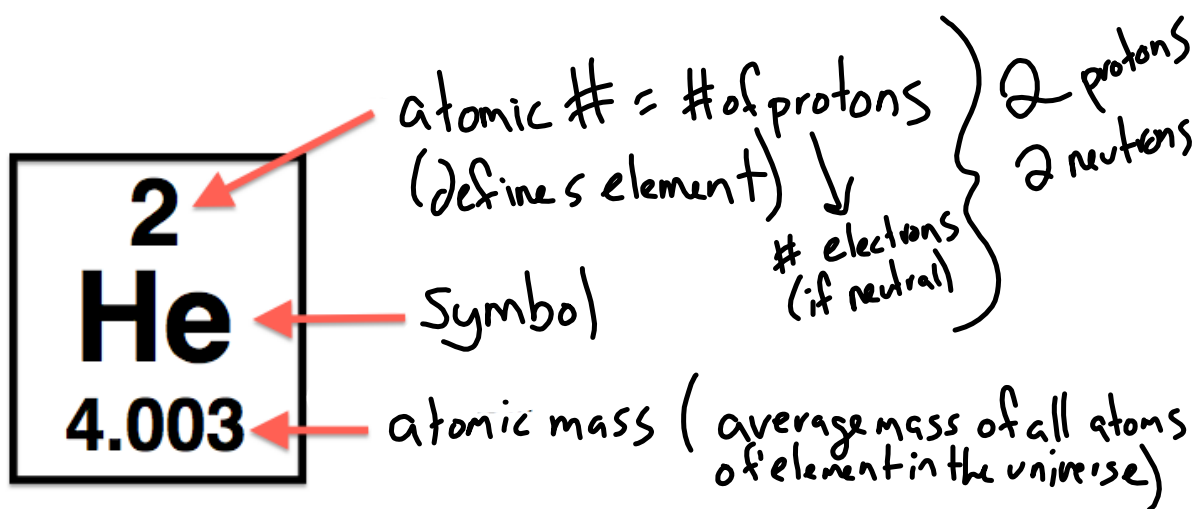


atomic mass units

Particle	Mass (amu)	Charge	Location
Proton	1	+1	nucleus
neutron	1	0	nucleus
electron	negligible	-1	orbits the nucleus

so small we pretend it doesn't exist.

Symbol-ology



Forming Ions

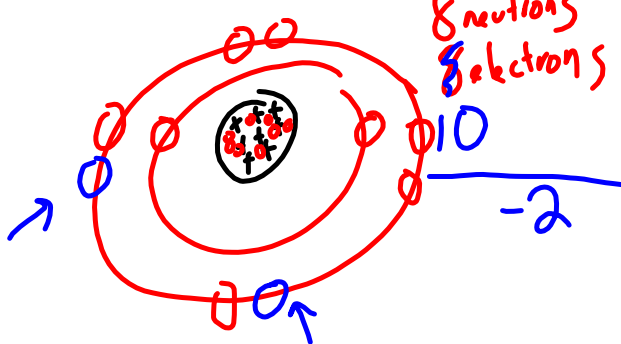


Ion - An atom with a net charge

Cation - An atom with a + net charge

Anion - An atom with a - net charge

Oxygen



8 protons
8 neutrons
8 electrons

|| = full 'valence' shell
↓
outer.

