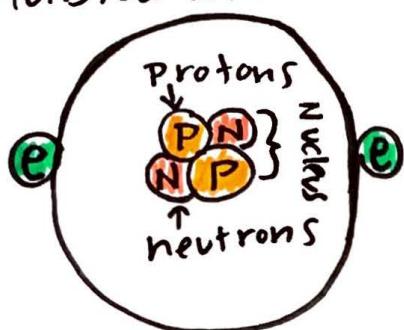


ATOMIC STRUCTURE NOTES

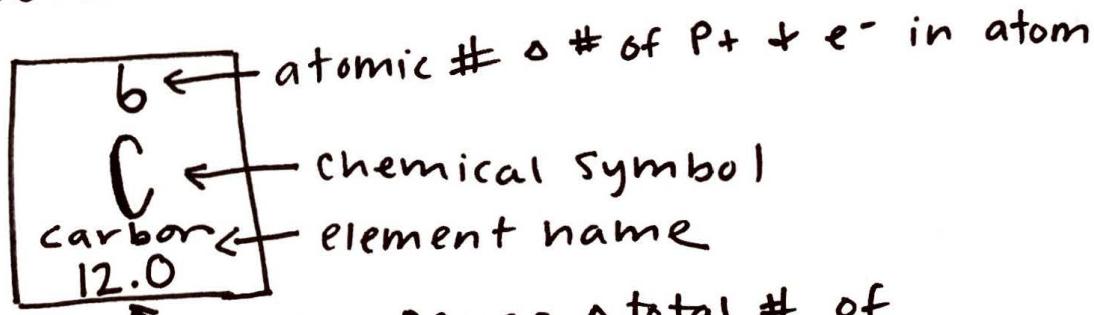
— Labeled atom of Helium —



SubAtomic Particles

Particle	Symbol	Charge	Mass	Found
Protons	P+	positive	1	Nucleus
Neutrons	n	neutral	1	Nucleus
electrons	e-	negative	0	outside of Nuc. (outer Shells)

— Chemical Symbols —



— Electron Shells —

1st shell holds up to 2 e-

2nd shell holds up to 8 e-

3rd shell holds up to 8 e-

• Valence electrons •

e- in outermost shell

Δ determine bonding of an atom

