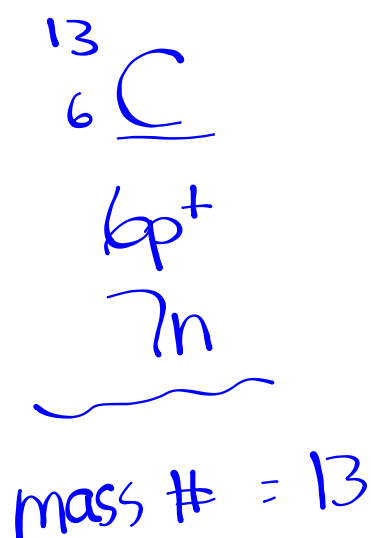
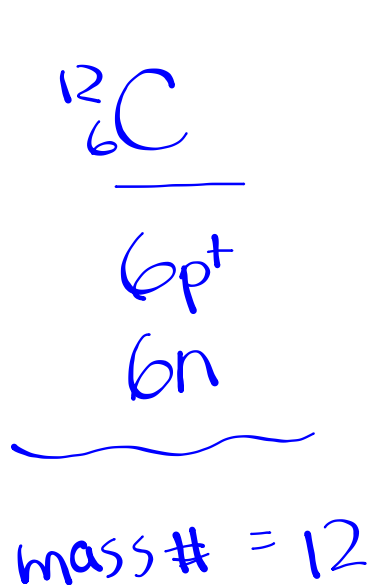


Unit 1 - Classification of Matter

- Types of matter
- Periodic table - trends, families, etc.
- Periodic law
- Elements
- Atoms - protons, neutrons, electrons
- *• Isotopes
- Calculating atomic mass
- Ions
- Bohr Theory
- Quantum Mechanical Model
- Electron configurations



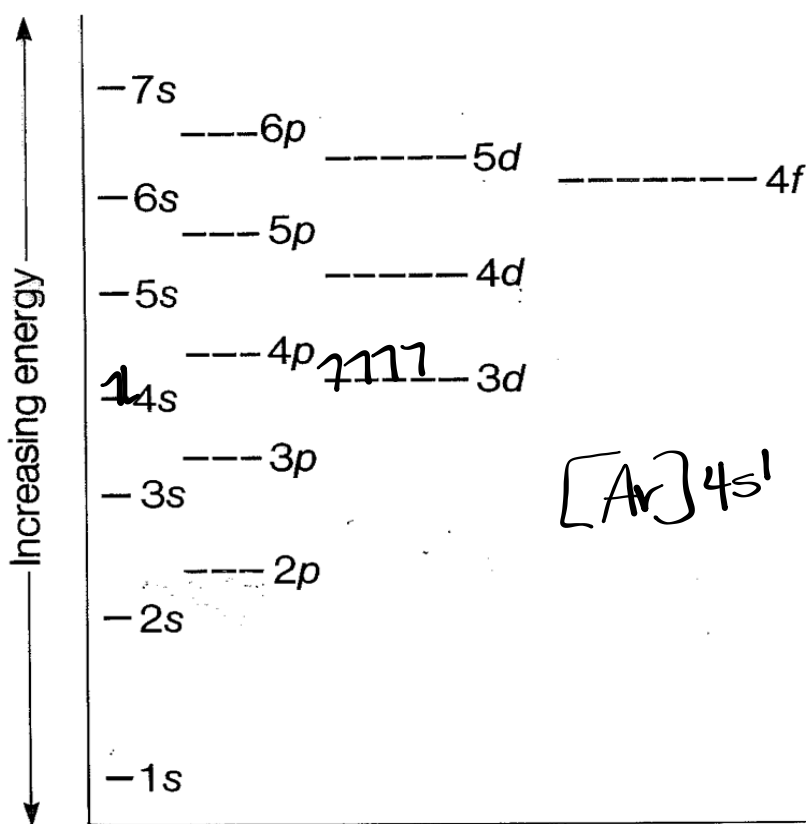
atomic # = # protons

mass # = # protons + # neutrons

Isotope Name	Atomic Number	Mass Number	Symbol	# of Protons	# of Neutrons

Name	Symbol	# of Protons	# of Electrons	Gain or Lose?	Net Charge

Aufbau Diagram



Test Review

Ch. 4 p. 122-123 #34, 39-41, 44-58, 60, 63-65,
71-73

Ch. 5 p. 149-150 #23-39, 50-53, 57, 68, 70, 71

Ch. 6 p. 181-182 #24, 26-35