

Subatomic Particles

Element	Protons	Neutrons	Electrons
Radium = Ra			
Phosphorus = P			
Vanadium = V			
Osmium = Os			

Atomic number = # of protons and electrons (each)

Atomic mass = # of protons plus neutrons (combined)

To calculate neutrons: Atomic mass - atomic number

Orbital Diagrams

Nitrogen = N

Lithium = Li

Sodium = Na

Orbital Diagrams - Classwork

Sulfur = S

Magnesium = Mg

Hydrogen = H

Argon = Ar

Helium = He

Chlorine = Cl