### Periodic Table of the Elements

- **Group 1 (IA)**: Hydrogen, Lanthanum, Actinium, Thorium, Protactinium, Uranium, Neptunium, Plutonium, Americium, Curium, Berkelium, Californium, Einsteinium, Flerovium, Livermorium, Unununium, Ununbium, Ununpentium
- **Group 2 (IIA)**: Helium, Neon, Argon, Krypton, Xe, Po, Rn
- **Group 3 (IIIA)**: Lithium, Beryllium, Magnesium, Calcium, Strontium, Barium, Radon, Francium, Actinium
- **Group 4 (IVA)**: Carbon, Oxygen, Nitrogen, Arsenic, Antimony, Bismuth, Polonium, Rutherfordium, Unununium
- **Group 5 (VA)**: Nitrogen, Phosphorus, Arsenic, Antimony, Bismuth, Polonium, Rutherfordium, Unununium
- **Group 6 (VIA)**: Oxygen, Sulfur, Selenium, Tellurium, Polonium, Polonium, Rutherfordium, Unununium
- **Group 7 (VIIA)**: Fluorine, Chlorine, Bromine, Iodine, Astatine, Radon
- **Group 8 (VIII)**: Neon, Argon, Krypton, Xe, Po, Rn

#### Notes:
- Density data are given for solids and g in kg/m³ at 0 °C and 101.3 kPa.
- Atomic Weight based on 1°C.
- Relative atomic mass is in atomic mass units (amu) or daltons.
- Electron Config. based on IUPAC guidelines. Some elements may have more than one configuration.
- (a) Metal radius, (b) Covalent radius

#### References:
- NIST Chemistry WebBook (5th ed., National Institute of Standards and Technology)
- IUPAC International Union of Pure and Applied Chemistry

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