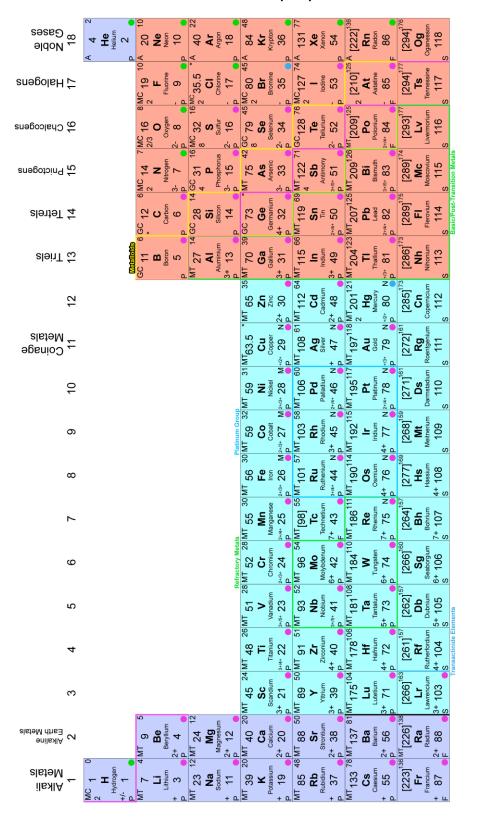
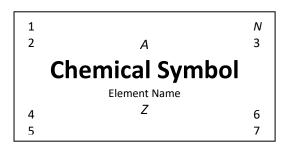
# PERIODIC TABLE OF ELEMENTS (D1)





#### Key:

#### Element Representation:



- 1 Simple Substance Bonding (Symbols are: MT, Metallic; GC, Giant Covalent; MC, Molecular Covalent; A, Single Atom)
- 2 Atomicity (if no number, only 1 atom is present)
- N Neutron Number
- **3** Actinide Type (Symbols are: ●, Major; ●, Minor)
- **A** Mass Number (If bracketed, element is unstable and mass number of the most stable isotope is provided)
- **Z** Atomic/Proton Number
- 4 Ionic Charge
- 5 Natural Occurrence (Symbols are: P, Primordial; F, From Decay; S, Synthetic)
- 6 Additional Properties (Symbols are: M, Ferromagnetic; N, Noble Metal)
- 7 State of Matter/Phase at Standard Temperature and Pressure (Symbols are: •, Solid; •, Liquid; •, Gas)

#### **Block Representation:**

# spdf

## **Electron Shell Filling Order:**



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### Sources:

- Simple Substance Bonding, 1 [8] [9] [10] [11] [12] [13] [14]
- Atomicity, 2<sup>[25]</sup>
- Neutron Number, N [2] [3] [4] [5] [6] [7]
- Actinide Type, 3<sup>[26]</sup>
- Mass Number, A [1] [4] [3] [5] [7] [23] [24]
- Chemical Symbol [1] [3] [4] [5] [7] [23] [24]
- Element Name [1] [3] [5] [7] [23] [24]
- Atomic/Proton Number, Z [1] [3] [4] [5] [7] [23] [24]
- Ionic Charge, 4 [5] [15] [16] [17]
- Natural Occurrence, 5 [4] [6] [8] [18] [19] [20]
- Additional Properties, 6 [5] [21] [22]
- State of Matter/Phase at Standard Temperature and Pressure, 7 [24]
- Groups [7] [20] [23]
- Electron Configuration Blocks [20] [23] [24]