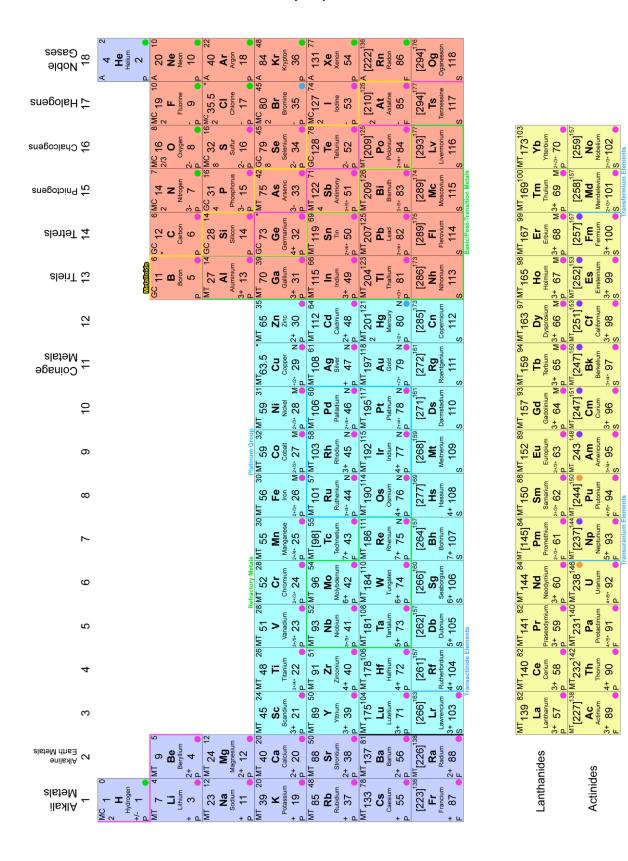
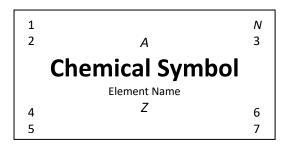
PERIODIC TABLE OF ELEMENTS (D1)



Key:

Element Representation:



- Simple Substance Bonding (Symbols: MT, Metallic; GC, Giant Covalent; MC, Molecular Covalent; A, Single Atom)
- **2** Atomicity (if no number, only 1 atom is present)
- Neutron Number
- 3 Actinide Type (Symbols: •, 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: **P**, Primordial; **F**, From Decay; **S**, Synthetic)
- 6 Additional Properties (Symbols: **M**, Ferromagnetic; **N**, Noble Metal)
- 7 State of Matter at Standard Temperature and Pressure¹ (Symbols: •, Solid; •, Liquid; •, Gas)

Block Representation:



Electron Shell Filling Order:

15 25 2p 35 3p 3d 45 4p 4d 4f 55 5p 5d 5f ... 65 6p 6d

Source: User:Atchemey (wikimedia.org) - CC-BY-SA-4.0

Sources:

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

¹ Standard Temperature and Pressure (also abbreviated as NTP) is here defined as 293.15 K and 1 atm.