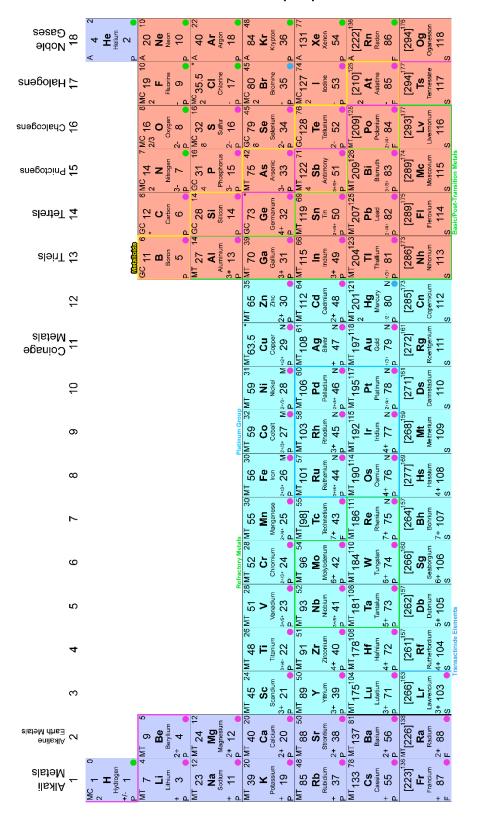
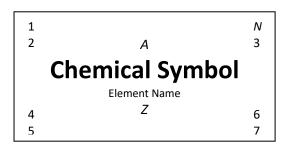
PERIODIC TABLE OF ELEMENTS (D1)



173103	Υb	erbinm	2 02	259] ¹⁶⁷	₈	bellium	102	fs
100 MI		٦ Y#	¥5.43 ■]157	_	oN mui	2+/3+102 S	m Elemen
MI 169	Ē	Thuliun	÷ 69 ₽ 4	[258	Ø	Mendelevi	s 101	ansfermiu
167 99	ŭ	=rbinm	№ 89	257]167	Fm	erminm	3+ 100 s	F
2 28 1	_	Ę	<u>ჯ</u> ი_ ▼	2]153		min F	င်္ဂ ဟ	
/ MI 16	ĭ	Holm	13+ 67	3 MT [25]	ш	Einsteir	£ 8	
163 ⁹	٥	Dysprosium	99 +	¹⁷ [251]	ប៊	Californium	86 + 88	
. 59 %	욘	rbinm	65 M ³	247] ¹⁵⁰ N	쓢	kelium	97 3 8	
1 83 MI		m Te	<u>ჯ</u> ⊾]*************************************	_	Be	3+/4+ 97 S	
MI 157	9	Gadolini	÷ 64	8 MT [247	ဌ	Curiur	± 8	
// 152 [%]	Ш	Europium	2+3+63 3+64 M3+65 M3+66 M3+67 M3+	¹¹ 243 ¹⁴	Αm	Americium	-#- 95	
150 22	Sm	Samarium	3+58 3+59 3+60 2-3+61 2-3-62 2-3-63 3+64 M3+65 M3+66 M3+67 M3+68 M3+69 M2-3-70	MT [244]	Pu	Plutonium	+*** 94 S	ments
" [145] ⁸⁴	P	Promethium	2+8+ 61 F	MT[237]	Q Z	Neptunium	5+ 93 F	ansuranium Fl
MI 144 84	Ř	Neodymium	3+ 60 P	MT238146	_	Uranium	⁴⁻¹⁶⁺ 92	
141 82	ፈ	Praseodymium	3+ 59 P	MT231140	Pa	Protactinium	F 91	
MI 140 82	రి	Cerium	3+ 58 P	MT232 ¹⁴²	ᆮ	Thorium	4+ P + 90	
INI 139 82	La	Lanthanum	3+ 57 P	MT[227] ¹³⁸ MT232 ¹⁴² MT231 ¹⁴⁰ MT	Ac	Actinium	3+ 89 T	
Lanthanides					Actinidos			

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 radioactive)
- 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:



Electron Shell Filling Order:



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Sources:

- Simple Substance Bonding, 1 [8] [9] [10] [11] [12] [13] [14]
- Atomicity, 2^[25]
- Neutron Number, N [2] [3] [4] [5] [6] [7]
- Actinide Type, 3^[26]
- 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]