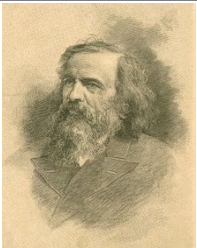


Periodic Table of Elements (short form)

Period	Series	Group										
		a I b	a II b	a III b	a IV b	a V b	a VI b	a VII b	a VIII b	VIII b		
1	1	H ¹ 1.00 Hydrogen							H	He ² 4.00 Helium	 Dmitry Mendeleev	
2	2	Li ³ 6.94 Lithium	Be ⁴ 9.01 Beryllium	B ⁵ 10.81 Boron	C ⁶ 12.01 Carbon	N ⁷ 14.01 Nitrogen	O ⁸ 16.00 Oxygen	F ⁹ 19.00 Fluorine	Ne ¹⁰ 20.18 Neon			
3	3	Na ¹¹ 22.98 Sodium	Mg ¹² 24.31 Magnesium	Al ¹³ 26.98 Aluminium	Si ¹⁴ 28.09 Silicon	P ¹⁵ 30.97 Phosphorus	S ¹⁶ 32.06 Sulfur	Cl ¹⁷ 35.45 Chlorine	Ar ¹⁸ 39.95 Argon			
4	4	K ¹⁹ 39.10 Potassium	Ca ²⁰ 40.08 Calcium	21 Sc 44.96 Scandium	22 Ti 47.88 Titanium	23 V 50.94 Vanadium	24 Cr 51.00 Chromium	25 Mn 54.94 Manganese	26 Fe 55.85 Iron	27 Co 58.93 Cobalt	28 Ni 58.69 Nickel	
	5	29 Cu 64.55 Copper	30 Zn 65.39 Zinc	31 Ga 69.72 Gallium	32 Ge 72.59 Germanium	33 As 74.92 Arsenic	34 Se 78.96 Selenium	35 Br 79.90 Bromine	36 Kr 83.80 Krypton			
5	6	Rb ³⁷ 85.47 Rubidium	Sr ³⁸ 87.62 Strontium	39 Y 88.91 Yttrium	40 Zr 91.22 Zirconium	41 Nb 92.91 Niobium	42 Mo 95.94 Molybdenum	43 Tc [98] Technetium	44 Ru 101.07 Ruthenium	45 Rh 102.91 Rhodium	46 Pd 106.42 Palladium	
	7	47 Ag 107.87 Silver	48 Cd 112.41 Cadmium	49 In 114.82 Indium	50 Sn 118.69 Tin	51 Sb 121.75 Antimony	52 Te 127.60 Tellurium	53 I 126.90 Iodine	54 Xe 131.29 Xenon			
6	8	Cs ⁵⁵ 132.91 Caesium	Ba ⁵⁶ 137.33 Barium	57 La [*] 138.91 Lanthanum	72 Hf 178.49 Hafnium	73 Ta 180.95 Tantalum	74 W 183.85 Tungsten	75 Re 186.21 Rhenium	76 Os 190.20 Osmium	77 Ir 192.22 Iridium	78 Pt 195.08 Platinum	
	9	79 Au 196.97 Gold	80 Hg 200.59 Mercury	81 Tl 204.38 Thallium	82 Pb 207.20 Lead	83 Bi 208.98 Bismuth	84 Po [209] Polonium	85 At [210] Astatine	86 Rn [222] Radon			
7	10	Fr ⁸⁷ [223] Francium	Ra ⁸⁸ [226] Radium	89 Ac ^{**} [227] Actinium	104 Rf [261] Rutherfordium	105 Db [262] Dubnium	106 Sg [266] Seaborgium	107 Bh [270] Bohrium	108 Hs [269] Hassium	109 Mt [268] Meitnerium	110 Ds [274] Darmstadtium	
Oxide ¹ (highest)		X ₂ O	XO	X ₂ O ₃	XO ₂	X ₂ O ₅	XO ₃	X ₂ O ₇	XO ₄			
Hydride		XH	XH ₂	XH ₃	XH ₄	XH ₃	XH ₂	XH				

¹ Exceptions are possible for "b" subgroup elements.

*Lanthanide

58 Ce 140.12 Cerium	59 Pr 140.91 Praseodymium	60 Nd 144.24 Neodymium	61 Pm [145] Promethium	62 Sm 150.36 Samarium	63 Eu 151.96 Europium	64 Gd 157.25 Gadolinium	65 Tb 158.93 Terbium	66 Dy 162.50 Dysprosium	67 Ho 164.93 Holmium	68 Er 167.26 Erbium	69 Tm 168.93 Thulium	70 Yb 173.04 Ytterbium	71 Lu 174.97 Lutetium
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**Actinide

90 Th 232.04 Thorium	91 Pa [231] Protactinium	92 U 238.03 Uranium	93 Np [237] Neptunium	94 Pu [244] Plutonium	95 Am [243] Americium	96 Cm [247] Curium	97 Bk [247] Berkelium	98 Cf [251] Californium	99 Es [252] Einsteinium	100 Fm [257] Fermium	101 Md [258] Mendelevium	102 No [259] Nobelium	103 Lr [262] Lawrencium
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