

PERIODIC TABLE OF THE ELEMENTS

1 IA	PERIODIC TABLE OF THE ELEMENTS																18 VIIIA			
H 1 HYDROGEN 1.008 s1	2 IIA	Li Alkali metals	B Metalloids											13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	He 2 HELIUM 4.003 s2	
Li 3 LITHIUM 6.941 s1	Be 4 BERYLLIUM 9.012 s2	Be Alkali earth metals	C Polyatomic non metals	La Lanthanides (all in group 3)											B 5 BORON 10.81 s2p1	C 6 CARBON 12.01 s2p2	N 7 NITROGEN 14.01 s2p3	O 8 OXYGEN 16.00 s2p4	F 9 FLUORINE 19.00 s2p5	Ne 10 NEON 20.18 s2p6
Na 11 SODIUM 22.98 s1	Mg 12 MAGNESIUM 24.31 s2	Sc Transition metals	N Diatomic non metals	Ac Actinides (all in group 3)											Al 13 ALUMINIUM 26.98 s2p1	Si 14 SILICON 28.09 s2p2	P 15 PHOSPHORUS 30.97 s2p3	S 16 SULFUR 32.07 s2p4	Cl 17 CHLORINE 35.45 s2p5	Ar 18 ARGON 39.95 s2p6
K 19 POTASSIUM 39.10 s1	Ca 20 CALCIUM 40.08 s2	Sc 21 SCANDIUM 44.96 d1s2	Ti 22 TITANIUM 47.87 d2s2	V 23 VANADIUM 50.94 d3s2	Cr 24 CHROMIUM 52.00 d5s1	Mn 25 MANGANESE 54.94 d5s2	Fe 26 IRON 55.85 d6s2	Co 27 COBALT 58.93 d7s2	Ni 28 NICKEL 58.69 d8s2	Cu 29 COPPER 63.65 d10s1	Zn 30 ZINC 65.39 d10s2	Ga 31 GALLIUM 69.72 s2p1	Ge 32 GERMANIUM 72.61 s2p2	As 33 ARSENIC 74.92 s2p3	Se 34 SELENIUM 78.96 s2p4	Br 35 BROMINE 79.90 s2p5	Kr 36 KRYPTON 83.80 s2p6			
Rb 37 RUBIDIUM 85.47 s1	Sr 38 STRONTIUM 87.62 s2	Y 39 YITTRIUM 88.91 d1s2	Zr 40 ZIRCONIUM 91.22 d2s2	Nb 41 NIOBIUM 92.91 d4s1	Mo 42 MOLYBDENUM 95.94 d5s1	Tc 43 TECHNETIUM 98* d5s2	Ru 44 RUTHENIUM 101.1 d7s1	Rh 45 RHODIUM 102.9 d8s1	Pd 46 PALLADIUM 106.4 d10s0	Ag 47 SILVER 107.9 d10s1	Cd 48 CADMIUM 112.4 d10s2	In 49 INDIUM 114.8 s2p1	Sn 50 TIN 118.7 s2p2	Sb 51 ANTIMONY 121.8 s2p3	Te 52 TELLURIUM 127.6 s2p4	I 53 IODINE 126.9 s2p5	Xn 54 XENON 131.3 s2p6			
Cs 55 CESIUM 132.9 s1	Ba 56 BARIUM 137.3 s2	La 57 LANTHANUM 138.9 d1s2	Hf 72 HAFNIUM 178.5 d2s2	Ta 73 TANTALUM 180.9 d3s2	W 74 TUNGSTEN 183.8 d4s2	Re 75 RHENIUM 186.2 d5s2	Os 76 OSMIUM 190.2 d6s2	Ir 77 IRIDIUM 192.2 d7s2	Pt 78 PLATINUM 195.1 d9s1	Au 79 GOLD 197.0 d10s1	Hg 80 MERCURY 200.6 d10s2	Tl 81 THALLIUM 204.4 s2p1	Pb 82 LEAD 207.2 s2p2	Bi 83 BISMUTH 209.0 s2p3	Po 84 POLONIUM 209* s2p4	At 85 ASTATINE 210* s2p5	Rn 86 RADON 222* s2p6			
Fr 87 FRANCIUM 223* s1	Ra 88 RADIUM 226* s2	Ac 89 ACTINIUM 227* d1s2	Rf 104 RUTHERFORDIUM 261* d2s2	Db 105 DUBNIUM 262* d3s2	Sg 106 SEABORGIUM 266* d4s2	Bh 107 BOHRIUM 264* d5s2	Hs 108 HASSIUM 269* d6s2	Mt 109 MEITNERIUM 268* d7s2	Ds 110 DARMSTADIUM 281* d9s1	Rg 111 ROENTGENIUM 281* d10s1	Cn 112 COPERNICIUM 285* d10s2	Uut 113 UNUNTRIUM 286* s2p1	Fl 114 FLEROVIUM 289* s2p2	Uup 115 UNUNPENTIUM 289* s2p3	Lv 116 LIVERMORIUM 293* s2p4	Uus 117 UNUNSEPTIUM 294* s2p5	Uuo 118 UNUNOCTIUM 294* s2p6			
	11 IB	← Group	Ce 58 CERIUM 140.1 f1d1s2	Pr 59 PRASEODYMIUM 140.9 f3s2	Nd 60 NEODYMIUM 144.2 f4s2	Pm 61 PROMETHIUM 145* f5s2	Sm 62 SAMARIUM 150.4 f6s2	Eu 63 EUROPIUM 152.0 f7s2	Gd 64 GADOLINIUM 157.3 f7d1s2	Tb 65 TERBIUM 158.9 f9s2	Dy 66 DYSPROSIUM 162.5 f10s2	Ho 67 HOLMIUM 164.9 f11s2	Er 68 ERBIUM 167.3 f12s2	Tm 69 THULIUM 168.9 f13s2	Yb 70 YTTERIUM 173.0 f14s2	Lu 71 LUTETIUM 175.0 f14d1s2				
Symbol →	Ag 47 SILVER 107.9 d10s1	← Atomic No.	Th 90 THORIUM 232* d2s2	Pa 91 PROTACTINIUM 231* f2d1s2	U 92 URANIUM 238* f3d1s2	Np 93 NEPTUNIUM 237* f4d1s2	Pu 94 PLUTONIUM 244* f6s2	Am 95 AMERICIUM 243* f7s2	Cm 96 CURIUM 247* f7d1s2	Bk 97 BERKELIUM 247* f9s2	Cf 98 CALIFORNIUM 251* f10s2	Es 99 EINSTEINIUM 252* f11s2	Fm 100 FERMIUM 257* f12s2	Md 101 MENDELEVIUM 258* f13s2	No 102 NOBELIUM 259* f14s2	Lr 103 LAWRENTIUM 262* f14d1s2				
Name →		5 ← Period	← Electron configuration																	
Weight →																				
* Radio active																				

89 Actinium	Ac	55 Caesium	Cs	68 Erbium	Er	49 Indium	In	80 Mercury	Hg	84 Polonium	Po	106 Seaborgium	Sg	22 Titanium	Ti
13 Aluminium	Al	20 Calcium	Ca	63 Europium	Eu	53 Iodine	I	42 Molybdenum	Mo	19 Potassium	K	34 Selenium	Se	74 Tungsten	W
95 Americium	Am	98 Californium	Cf	100 Fermium	Fm	77 Iridium	Ir	60 Neodymium	Nd	59 Praseodymium	Pr	14 Silicon	Si	118 Ununoctium	Uuo
51 Antimony	Sb	6 Carbon	C	114 Flerovium	Fl	26 Iron	Fe	10 Neon	Ne	61 Promethium	Pm	47 Silver	Ag	115 Ununpentium	Uup
18 Argon	Ar	58 Cerium	Ce	9 Fluorine	F	36 Krypton	Kr	93 Neptunium	Np	91 Protactinium	Pa	11 Sodium	Na	117 Ununseptium	Uus
33 Arsenic	As	17 Chlorine	Cl	87 Francium	Fr	57 Lanthanum	La	28 Nickel	Ni	88 Radium	Ra	38 Strontium	Sr	113 Ununtrium	Uut
85 Astatine	At	24 Chromium	Cr	64 Gadolinium	Gd	103 Lawrencium	Lr	41 Niobium	Nb	86 Radon	Rn	16 Sulfur	S	92 Uranium	U
56 Barium	Ba	27 Cobalt	Co	31 Gallium	Ga	82 Lead	Pb	7 Nitrogen	N	75 Rhenium	Re	73 Tantalum	Ta	23 Vanadium	V
97 Berkelium	Bk	112 Copernicium	Cn	32 Germanium	Ge	3 Lithium	Li	102 Nobelium	No	45 Rhodium	Rh	43 Technetium	Tc	54 Xenon	Xe
4 Beryllium	Be	29 Copper	Cu	79 Gold	Au	116 Livermorium	Lv	76 Osmium	Os	111 Roentgenium	Rg	52 Tellurium	Te	70 Ytterbium	Yb
83 Bismuth	Bi	96 Curium	Cm	72 Hafnium	Hf	71 Lutetium	Lu	8 Oxygen	O	37 Rubidium	Rb	65 Terbium	Tb	39 Yttrium	Y
107 Bohrium	Bh	110 Darmstadtium	Ds	108 Hassium	Hs	12 Magnesium	Mg	46 Palladium	Pd	44 Ruthenium	Ru	81 Thallium	Tl	30 Zinc	Zn
5 Boron	B	105 Dubnium	Db	2 Helium	He	25 Manganese	Mn	15 Phosphorus	P	104 Rutherfordium	Rf	90 Thorium	Th	40 Zirconium	Zr
35 Bromine	Br	66 Dysprosium	Dy	67 Holmium	Ho	109 Meitnerium	Mt	78 Platinum	Pt	62 Samarium	Sm	69 Thulium	Tm		
48 Cadmium	Cd	99 Einsteinium	Es	1 Hydrogen	H	101 Mendelevium	Md	94 Plutonium	Pu	21 Scandium	Sc	50 Tin	Sn		