

PERIODIC TABLE OF THE ELEMENTS

IA	IIA	IIIB	IVB	VB	VIB	VIIB	VIII			IB	IIB	IIIA	IVA	VA	VIA	VII A	O	
1 H 1.0 Hydrogen			<i>liquid</i> radioactive													1 H 1.0 Hydrogen	2 He 4.0 Helium	2
3 Li 6.9 Lithium	4 Be 9.0 Beryllium					atomic number Symbol atomic mass						5 B 10.3 Boron	6 C 12.0 Carbon	7 N 14.0 Nitrogen	8 O 16.0 Oxygen	9 F 19.0 Fluorine	10 Ne 20.1 Neon	2 8
11 Na 22.9 Sodium	12 Mg 24.3 Magnesium											13 Al 26.9 Aluminum	14 Si 28.0 Silicon	15 P 30.9 Phosphorus	16 S 32.9 Sulfur	17 Cl 35.4 Chlorine	18 Ar 38.9 Argon	2 8 8
19 K 39.1 Potassium	20 Ca 40.0 Calcium	21 Sc 44.9 Scandium	22 Ti 47.9 Titanium	23 V 50.9 Vanadium	24 Cr 52.0 Chromium	25 Mn 54.9 Manganese	26 Fe 55.8 Iron	27 Co 58.9 Cobalt	28 Ni 58.7 Nickel	29 Cu 63.5 Copper	30 Zn 65.4 Zinc	31 Ga 69.7 Gallium	32 Ge 72.6 Germanium	33 As 74.9 Arsenic	34 Se 78.9 Selenium	35 Br 79.9 Bromine	36 Kr 83.8 Krypton	2 8 18 8
37 Rb 85.5 Rubidium	38 Sr 87.6 Strontium	39 Y 88.9 Yttrium	40 Zr 91.2 Zirconium	41 Nb 92.9 Niobium	42 Mo 95.9 Molybdenum	43 Tc 97 Technetium	44 Ru 101 Ruthenium	45 Rh 103 Rhodium	46 Pd 106 Palladium	47 Ag 108 Silver	48 Cd 112 Cadmium	49 In 115 Indium	50 Sn 119 Tin	51 Sb 122 Antimony	52 Te 127 Tellurium	53 I 127 Iodine	54 Xe 131 Xenon	2 8 18 18 8
55 Cs 133 Cesium	56 Ba 137 Barium	57 La 139 Lanthanum	72 Hf 178 Hafnium	73 Ta 181 Tantalum	74 W 184 Tungsten	75 Re 186 Rhenium	76 Os 190 Osmium	77 Ir 192 Iridium	78 Pt 195 Platinum	79 Au 197 Gold	80 Hg 201 Mercury	81 Tl 204 Thallium	82 Pb 207 Lead	83 Bi 209 Bismuth	84 Po 209 Polonium	85 At 211 Astatine	86 Rn 222 Radon	2 8 18 32 18 8
87 Fr 223 Francium	88 Ra 226 Radium	89 Ac 227 Actinium																
Lanthanum Series			58 Ce 133 Cerium	59 Pr 141 Praseodymium	60 Nd 144 Neodymium	61 Pm 145 Promethium	62 Sm 150 Samarium	63 Eu 152 Europium	64 Gd 157 Gadolinium	65 Tb 159 Terbium	66 Dy 162 Dysprosium	67 Ho 165 Holmium	68 Er 167 Erbium	69 Tm 169 Thulium	70 Yb 173 Ytterbium	71 Lu 175 Lutetium	2 8 18 32 8 2	
Actinium Series			90 Th 232 Thorium	91 Pa 231 Protactinium	92 U 238 Uranium	93 Np 237 Neptunium	94 Pu 242 Plutonium	95 Am 243 Americium	96 Cm 245 Curium	97 Bk 247 Berkelium	98 Cf 249 Californium	99 Es 254 Einsteinium	100 Fm 252 Fermium	101 Md 258 Mendelevium	102 No 259 Nobelium	103 Lw 260 Lawrencium	2 8 18 32 32 8 2	