

1 H Hydrogen 1																	2 He Helium 4
KEY Alkali metals Alkali-earth metals Transition metals Rare earths Radioactive rare earths Other metals Semimetals Non-metals Noble gases Hydrogen																	
3 Li Lithium 7	4 Be Beryllium 9											5 B Boron 11	6 C Carbon 12	7 N Nitrogen 14	8 O Oxygen 16	9 F Fluorine 19	10 Ne Neon 20
11 Na Sodium 23	12 Mg Magne- sium 24											13 Al Aluminum 27	14 Si Silicon 28	15 P Phosp- horus 31	16 S Sulphur 32	17 Cl Chlorine 35	18 Ar Argon 40
19 K Potassium 39	20 Ca Calcium 40	21 Sc Scandium 45	22 Ti Titanium 48	23 V Vanadium 51	24 Cr Chromium 52	25 Mn Mang- anese 55	26 Fe Iron 56	27 Co Cobalt 59	28 Ni Nickel 58	29 Cu Copper 63	30 Zn Zinc 64	31 Ga Gallium 69	32 Ge Germ- anium 74	33 As Arsenic 75	34 Se Selenium 80	35 Br Bromine 79	36 Kr Krypton 84
37 Rb Rubidium 85	38 Sr Strontium 88	39 Y Yttrium 89	40 Zr Zirconium 90	41 Nb Niobium 93	42 Mo Molyb- denum 98	43 Tc Techn- etium 97	44 Ru Ruthenium 102	45 Rh Rhodium 103	46 Pd Palladium 106	47 Ag Silver 107	48 Cd Cadmium 114	49 In Indium 115	50 Sn Tin 120	51 Sb Antimony 121	52 Te Tellurium 130	53 I Iodine 127	54 Xe Xenon 132
55 Cs Caesium 133	56 Ba Barium 138	57-71	72 Hf Hafnium 180	73 Ta Tantalum 181	74 W Tungsten 184	75 Re Rhenium 187	76 Os Osmium 192	77 Ir Iridium 193	78 Pt Platinum 195	79 Au Gold 197	80 Hg Mercury 202	81 Tl Thallium 205	82 Pb Lead 208	83 Bi Bismuth 209	84 Po Polonium 209	85 At Astatine 210	86 Rn Radon 222
87 Fr Francium 223	88 Ra Radium 226	89-103	104 Unq Unnilq- uadium 260	105 Unp Unnilp- entium 262	106 Unh Unnilh- exium 263	107 Uns Unnils- eptium 262	108 Uno Unnilo- ctium 265	109 Une Unnile- nnium 266									
57 La Lanth- anum 139	58 Ce Cerium 140	59 Pr Praseo- dymium 141	60 Nd Neody- mium 142	61 Pm Prometh- ium 145	62 Sm Samarium 152	63 Eu Europium 153	64 Gd Gado- linium 158	65 Tb Terbium 159	66 Dy Dysp- rosium 164	67 Ho Holmium 165	68 Er Erbium 168	69 Tm Thulium 169	70 Yb Ytterbium 174	71 Lu Lutetium 175			
89 Ac Actinium 227	90 Th Thorium 232	91 Pa Protac- tinium 231	92 U Uranium 238	93 Np Neptunium 237	94 Pu Plutonium 244	95 Am Americium 243	96 Cm Curium 247	97 Bk Berkelium 247	98 Cf Califor- nium 251	99 Es Einste- inium 254	100 Fm Fermium 257	101 Md Mende- levium 258	102 No Nobelium 255	103 Lr Lawre- ncium 256			