

1 H Hydrogen 1.01	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18 He Helium 4.00																																																							
3 Li Lithium 6.94	4 Be Beryllium 9.01	5	6	7	8	9	10	11	12	13 B Boron 10.81	14 C Carbon 12.01	15 N Nitrogen 14.01	16 O Oxygen 16.00	17 F Fluorine 19.00	18 Ne Neon 20.18																																																									
11 Na Sodium 22.99	12 Mg Magnesium 24.31	13 Al Aluminium 26.98	14 Si Silicon 28.09	15 P Phosphorus 30.97	16 S Sulfur 32.06	17 Cl Chlorine 35.45	18 Ar Argon 39.95	19 K Potassium 39.10	20 Ca Calcium 40.08	21 Sc Scandium 44.96	22 Ti Titanium 47.88	23 V Vanadium 50.94	24 Cr Chromium 52.00	25 Mn Manganese 54.94	26 Fe Iron 55.85	27 Co Cobalt 58.93	28 Ni Nickel 58.69	29 Cu Copper 63.55	30 Zn Zinc 65.39	31 Ga Gallium 69.72	32 Ge Germanium 72.64	33 As Arsenic 74.92	34 Se Selenium 78.96	35 Br Bromine 79.90	36 Kr Krypton 83.79																																															
37 Rb Rubidium 85.47	38 Sr Strontium 87.62	39 Y Yttrium 88.91	40 Zr Zirconium 91.22	41 Nb Niobium 92.91	42 Mo Molybdenum 95.96	43 Tc Technetium (98)	44 Ru Ruthenium 101.1	45 Rh Rhodium 102.9	46 Pd Palladium 106.4	47 Ag Silver 107.9	48 Cd Cadmium 112.4	49 In Indium 114.8	50 Sn Tin 118.7	51 Sb Antimony 121.8	52 Te Tellurium 127.6	53 I Iodine 126.9	54 Xe Xenon 131.3	55 Cs Caesium 132.9	56 Ba Barium 137.3	57 - 71 Lanthanides	72 Hf Hafnium 178.5	73 Ta Tantalum 180.9	74 W Tungsten 183.9	75 Re Rhenium 186.2	76 Os Osmium 190.2	77 Ir Iridium 192.2	78 Pt Platinum 195.1	79 Au Gold 197.0	80 Hg Mercury 200.5	81 Tl Thallium 204.38	82 Pb Lead 207.2	83 Bi Bismuth 209.0	84 Po Polonium (209)	85 At Astatine (210)	86 Rn Radon (222)																																					
87 Fr Francium (223)	88 Ra Radium (226)	89 - 103 Actinides	104 Rf Rutherfordium (261)	105 Db Dubnium (268)	106 Sg Seaborgium (271)	107 Bh Bohrium (270)	108 Hs Hassium (277)	109 Mt Meitnerium (276)	110 Ds Darmstadtium (281)	111 Rg Roentgenium (280)	112 Cn Copernicium (285)	113 Nh Nihonium (284)	114 Fl Flerovium (289)	115 Mc Moscovium (288)	116 Lv Livermorium (293)	117 Ts Tennessine (294)	118 Og Oganesson (294)	119 Uue Ununennium (295)	120 Uub Unbibium (298)	121 Uut Untrium (301)	122 Uuq Unquadrium (304)	123 Uup Unpentium (307)	124 Uuh Unhexium (310)	125 Uus Unseptium (315)	126 Uuq Unoctium (318)	127 Uuh Unnonium (321)	128 Uuo Unnilium (324)	129 Uus Unseptium (327)	130 Uuq Unoctium (330)	131 Uuh Unnonium (333)	132 Uuo Unnilium (336)	133 Uus Unseptium (339)	134 Uuq Unoctium (342)	135 Uuh Unnonium (345)	136 Uuo Unnilium (348)	137 Uus Unseptium (351)	138 Uuq Unoctium (354)	139 Uuh Unnonium (357)	140 Uuo Unnilium (360)	141 Uus Unseptium (363)	142 Uuq Unoctium (366)	143 Uuh Unnonium (369)	144 Uuo Unnilium (372)	145 Uus Unseptium (375)	146 Uuq Unoctium (378)	147 Uuh Unnonium (381)	148 Uuo Unnilium (384)	149 Uus Unseptium (387)	150 Uuq Unoctium (390)	151 Uuh Unnonium (393)	152 Uuo Unnilium (396)	153 Uus Unseptium (399)	154 Uuq Unoctium (402)	155 Uuh Unnonium (405)	156 Uuo Unnilium (408)	157 Uus Unseptium (411)	158 Uuq Unoctium (414)	159 Uuh Unnonium (417)	160 Uuo Unnilium (420)	161 Uus Unseptium (423)	162 Uuq Unoctium (426)	163 Uuh Unnonium (429)	164 Uuo Unnilium (432)	165 Uus Unseptium (435)	166 Uuq Unoctium (438)	167 Uuh Unnonium (441)	168 Uuo Unnilium (444)	169 Uus Unseptium (447)	170 Uuq Unoctium (450)	171 Uuh Unnonium (453)	172 Uuo Unnilium (456)	173 <