Periodic Table of the Elements

1 **H** Hydrogen 1.00784–1.00811																	2 **He** Helium 4.002602(2)
3 **Li** Lithium 6.938–6.997	4 **Be** Beryllium 9.0121831(5)											5 **B** Boron 10.806–10.821	6 **C** Carbon 12.0096–12.0116	7 **N** Nitrogen 14.00643–14.00728	8 **O** Oxygen 15.99903–15.99977	9 **F** Fluorine 18.998403163(6)	10 **Ne** Neon 20.1797(6)
11 **Na** Sodium 22.98976928(2)	12 **Mg** Magnesium 24.304–24.307											13 **Al** Aluminium 26.9815385(7)	14 **Si** Silicon 28.084–28.086	15 **P** Phosphorus 30.973761998(5)	16 **S** Sulphur 32.059–32.076	17 **Cl** Chlorine 35.446–35.457	18 **Ar** Argon 39.948(1)
19 **K** Potassium 39.0983(1)	20 **Ca** Calcium 40.078(4)	21 **Sc** Scandium 44.955908(5)	22 **Ti** Titanium 47.867(1)	23 **V** Vanadium 50.9415(1)	24 **Cr** Chromium 51.9961(6)	25 **Mn** Manganese 54.938044(3)	26 **Fe** Iron 55.845(2)	27 **Co** Cobalt 58.933194(4)	28 **Ni** Nickel 58.6934(4)	29 **Cu** Copper 63.546(3)	30 **Zn** Zinc 65.38(2)	31 **Ga** Gallium 69.723(1)	32 **Ge** Germanium 72.630(8)	33 **As** Arsenic 74.921595(6)	34 **Se** Selenium 78.971(8)	35 **Br** Bromine 79.901–79.907	36 **Kr** Krypton 83.798(2)
37 **Rb** Rubidium 85.4678(3)	38 **Sr** Strontium 87.62(1)	39 **Y** Yttrium 88.90584(2)	40 **Zr** Zirconium 91.224(2)	41 **Nb** Niobium 92.90637(2)	42 **Mo** Molybdenum 95.95(1)	43 **Tc** Technetium (98)	44 **Ru** Ruthenium 101.07(2)	45 **Rh** Rhodium 102.90550(2)	46 **Pd** Palladium 106.42(1)	47 **Ag** Silver 107.8682(2)	48 **Cd** Cadmium 112.414(4)	49 **In** Indium 114.818(1)	50 **Sn** Tin 118.710(7)	51 **Sb** Antimony 121.760(1)	52 **Te** Tellurium 127.60(3)	53 **I** Iodine 126.90447(3)	54 **Xe** Xenon 131.293(6)
55 **Cs** Caesium 132.90545196(6)	56 **Ba** Barium 137.327(7)	57-71 * Lanthanides	72 **Hf** Halfnium 178.49(2)	73 **Ta** Tantalum 180.94788(2)	74 **W** Tungsten 183.84(1)	75 **Re** Rhenium 186.207(1)	76 **Os** Osmium 190.23(3)	77 **Ir** Iridium 192.217(3)	78 **Pt** Platinum 195.084(9)	79 **Au** Gold 196.966569(5)	80 **Hg** Mercury 200.592(3)	81 **Tl** Thallium 204.382–204.385	82 **Pb** Lead 207.2(1)	83 **Bi** Bismuth 208.98040(1)	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 (269)	107 **Bh** Bohrium (270)	108 **Hs** Hassium (269)	109 **Mt** Meitnerium (278)	110 **Ds** Darmstadtium (281)	111 **Rg** Roentgenium (282)	112 **Cn** Copernicium (285)	113 **Uut** Ununtrium (286)	114 **Fl** Flerovium (289)	115 **Uup** Ununpentium (289)	116 **Lv** Livermorium (293)	117 **Uus** Ununseptium (294)	118 **Uuo** Ununoctium (294)

*	57 **La** Lanthanum 138.90547(7)	58 **Ce** Cerium 140.116(1)	59 **Pr** Praseodymium 140.90766(2)	60 **Nd** Neodymium 144.242(3)	61 **Pm** Promethium (145)	62 **Sm** Samarium 150.36(2)	63 **Eu** Europium 151.964(1)	64 **Gd** Gadolinium 157.25(3)	65 **Tb** Terbium 158.92535(2)	66 **Dy** Dysprosium 162.500(1)	67 **Ho** Holmium 164.93033(2)	68 **Er** Erbium 167.259(3)	69 **Tm** Thulium 168.93422(2)	70 **Yb** Ytterbium 173.045(10)	71 **Lu** Lutetium 174.9668(1)
**	89 **Ac** Actinium (227)	90 **Th** Thorium 232.0377(4)	91 **Pa** Protactinium 231.03588(2)	92 **U** Uranium 238.02891(3)	93 **Np** Neptunium (237)	94 **Pu** Plutonium (244)	95 **Am** Americium (243)	96 **Cm** Curium (247)	97 **Bk** Berkelium (247)	98 **Cf** Californium (251)	99 **Es** Einsteinium (252)	100 **Fm** Fermium (257)	101 **Md** Mendelevium (258)	102 **No** Nobelium (259)	103 **Lr** Lawrencium (266)

Atomic # **Symbol** Name Std. Atomic Weight