

# Periodic Table of the Elements

1H																	2He
3Li	4Be											5B	6C	7N	8O	9F	10Ne
11Na	12Mg											13Al	14Si	15P	16S	17Cl	18Ar
19K	20Ca	21Sc	22Ti	23V	24Cr	25Mn	26Fe	27Co	28Ni	29Cu	30Zn	31Ga	32Ge	33As	34Se	35Br	36Kr
37Rb	38Sr	39Y	40Zr	41Nb	42Mo	43Tc	44Ru	45Rh	46Pd	47Ag	48Cd	49In	50Sn	51Sb	52Te	53I	54Xe
55Cs	56Ba	57La	72Hf	73Ta	74W	75Re	76Os	77Ir	78Pt	79Au	80Hg	81Tl	82Pb	83Bi	84Po	85At	86Rn
87Fr	88Ra	89Ac															
				58Ce	59Pr	60Nd	61Pm	62Sm	63Eu	64Gd	65Tb	66Dy	67Ho	68Er	69Tm	70Yb	71Lu
				90Th	91Pa	92U	93Np	94Pu	95Am	96Cm	97Bk	98Cf	99Es	100Fm	101Md	102No	103Lr

1 Hydrogen H  
 2 Helium He  
 3 Lithium Li  
 4 Beryllium Be  
 5 Boron B  
 6 Carbon C  
 7 Nitrogen N  
 8 Oxygen O  
 9 Fluorine F  
 10 Neon Ne  
 11 Sodium Na  
 12 Magnesium Mg  
 13 Aluminum Al  
 14 Silicon Si  
 15 Phosphorus P  
 16 Sulfur S  
 17 Chlorine Cl  
 18 Argon Ar  
 19 Potassium K  
 20 Calcium Ca  
 21 Scandium Sc  
 22 Titanium Ti  
 23 Vanadium V  
 24 Chromium Cr  
 25 Manganese Mn  
 26 Iron Fe  
 27 Cobalt Co  
 28 Nickel Ni  
 29 Copper Cu  
 30 Zinc Zn

31 Gallium Ga  
 32 Germanium Ge  
 33 Arsenic As  
 34 Selenium Se  
 35 Bromine Br  
 36 Krypton Kr  
 37 Rubidium Rb  
 38 Strontium Sr  
 39 Yttrium Y  
 40 Zirconium Zr  
 41 Niobium Nb  
 42 Molybdenum Mo  
 43 Technetium Tc  
 44 Ruthenium Ru  
 45 Rhodium Rh  
 46 Palladium Pd  
 47 Silver Ag  
 48 Cadmium Cd  
 49 Indium In  
 50 Tin Sn  
 51 Antimony Sb  
 52 Tellurium Te  
 53 Iodine I  
 54 Xenon Xe  
 55 Cesium Cs  
 56 Barium Ba  
 57 Lanthanum La  
 58 Cerium Ce  
 59 Praseodymium Pr  
 60 Neodymium Nd

61 Promethium Pm  
 62 Samarium Sm  
 63 Europium Eu  
 64 Gadolinium Gd  
 65 Terbium Tb  
 66 Dysprosium Dy  
 67 Holmium Ho  
 68 Erbium Er  
 69 Thulium Tm  
 70 Ytterbium Yb  
 71 Lutetium Lu  
 72 Hafnium Hf  
 73 Tantalum Ta  
 74 Tungsten W  
 75 Rhenium Re  
 76 Osmium Os  
 77 Iridium Ir  
 78 Platinum Pt  
 79 Gold Au  
 80 Mercury Hg  
 81 Thallium Tl  
 82 Lead Pb  
 83 Bismuth Bi  
 84 Polonium Po  
 85 Astatine At  
 86 Radon Rn  
 87 Francium Fr  
 88 Radium Ra  
 89 Actinium Ac  
 90 Thorium Th

91 Protactinium Pa  
 92 Uranium U  
 93 Neptunium Np  
 94 Plutonium Pu  
 95 Americium Am  
 96 Curium Cm  
 97 Berkelium Bk  
 98 Californium Cf  
 99 Einsteinium Es  
 100 Fermium Fm  
 101 Mendeleevium Md  
 102 Nobelium No  
 103 Lawrencium Lr