

Periodic Table of the Elements

1 2 Groups (Latest Numbering) 13 14 15 16 17 18
 I II Groups (Old Numbering) III IV V VI VII VIII

1 Hydrogen H 1.0079												2 Helium He 4.0026					
3 Lithium Li 6.941	4 Beryllium Be 9.0122											5 Boron B 10.811	6 Carbon C 12.0112	7 Nitrogen N 14.0067	8 Oxygen O 15.9994	9 Fluorine F 18.9984	10 Neon Ne 20.18
11 Sodium Na 22.989	12 Magnesium Mg 24.305	3	4	5	6	7	8	9	10	11	12	13 Aluminium Al 26.9815	14 Silicon Si 28.086	15 Phosphorus P 30.9738	16 Sulfur S 32.066	17 Chlorine Cl 35.453	18 Argon Ar 39.948
19 Potassium K 39.0983	20 Calcium Ca 40.08	21 Scandium Sc 44.956	22 Titanium Ti 47.87	23 Vanadium V 50.942	24 Chromium Cr 51.996	25 Manganese Mn 54.938	26 Iron Fe 55.847	27 Cobalt Co 58.933	28 Nickel Ni 58.69	29 Copper Cu 63.546	30 Zinc Zn 65.39	31 Gallium Ga 69.723	32 Germanium Ge 72.61	33 Arsenic As 74.922	34 Selenium Se 78.96	35 Bromine Br 79.904	36 Krypton Kr 83.80
37 Rubidium Rb 85.468	38 Strontium Sr 87.62	39 Yttrium Y 88.905	40 Zirconium Zr 91.224	41 Niobium Nb 92.906	42 Molybdenum Mo 95.94	43 Technetium Tc 98	44 Ruthenium Ru 101.07	45 Rhodium Rh 102.905	46 Palladium Pd 106.42	47 Silver Ag 107.868	48 Cadmium Cd 112.411	49 Indium In 114.82	50 Tin Sn 118.71	51 Antimony Sb 121.75	52 Tellurium Te 127.60	53 Iodine I 126.904	54 Xenon Xe 131.29
55 Cesium Cs 132.905	56 Barium Ba 137.34	57 Lanthanum La 138.91	72 Hafnium Hf 178.49	73 Tantalum Ta 180.948	74 Tungsten W 183.85	75 Rhenium Re 186.207	76 Osmium Os 190.2	77 Iridium Ir 192.22	78 Platinum Pt 195.09	79 Gold Au 196.967	80 Mercury Hg 200.59	81 Thallium Tl 204.38	82 Lead Pb 207.19	83 Bismuth Bi 208.98	84 Polonium Po 209	85 Astatine At 210	86 Radon Rn 222
87 Francium Fr 223	88 Radium Ra 226	89 Actinium Ac 227	104 Rutherfordium Rf 261	105 Dubnium Db 262	106 Seaborgium Sg 266	107 Bohrium Bh 264	108 Hassium Hs 269	109 Meitnerium Mt 268									

N	Atomic Numbers
Name	Element Name
EI	Symbol
Mais	Atomic Weight

Lanthanides

58 Cerium Ce 140.12	59 Praseodymium Pr 140.907	60 Neodymium Nd 144.24	61 Promethium Pm 144.913	62 Samarium Sm 150.35	63 Europium Eu 151.96	64 Gadolinium Gd 157.25	65 Terbium Tb 158.925	66 Dysprosium Dy 162.50	67 Holmium Ho 164.93	68 Erbium Er 167.26	69 Thulium Tm 168.934	70 Ytterbium Yb 173.04	71 Lutetium Lu 174.97
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Actinides

90 Thorium Th 232.038	91 Protoactinium Pa 231.036	92 Uranium U 238.03	93 Neptunium Np 237.048	94 Plutonium Pu 244.064	95 Americium Am 243	96 Curium Cm 247	97 Berkelium Bk 247	98 Californium Cf 242.058	99 Einsteinium Es 254	100 Fermium Fm 257.095	101 Mendelevium Md 258.10	102 Nobelium No 259.101	103 Lawrencium Lr 260.105
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