



THE Periodic Table OF ELEMENTS

- NONMETAL
- TRANSITION METAL
- NOBLE GAS
- ALKALI METAL
- POST-TRANSITIONAL METAL
- LANTHANIDE
- ALKALINE EARTH METAL
- METALLOID
- ACTINIDE

1 H Hydrogen 1.008																	2 He Helium 4.002	
3 Li Lithium 7.0	4 Be Beryllium 9.012																	10 Ne Neon 20.180
11 Na Sodium 22.989	12 Mg Magnesium 24.305																	18 Ar Argon 39.9
19 K Potassium 39.098	20 Ca Calcium 40.08	21 Sc Scandium 44.955	22 Ti Titanium 47.87	23 V Vanadium 50.941	24 Cr Chromium 51.996	25 Mn Manganese 54.938	26 Fe Iron 55.84	27 Co Cobalt 58.933	28 Ni Nickel 58.693	29 Cu Copper 63.55	30 Zn Zinc 65.4	31 Ga Gallium 69.72	32 Ge Germanium 72.63	33 As Arsenic 74.921	34 Se Selenium 78.97	35 Br Bromine 79.90	36 Kr Krypton 83.80	
37 Rb Rubidium 85.468	38 Sr Strontium 87.6	39 Y Yttrium 88.905	40 Zr Zirconium 91.22	41 Nb Niobium 92.906	42 Mo Molybdenum 96.0	43 Tc Technetium 97.907	44 Ru Ruthenium 101.1	45 Rh Rhodium 102.905	46 Pd Palladium 106.4	47 Ag Silver 107.868	48 Cd Cadmium 112.41	49 In Indium 114.82	50 Sn Tin 118.71	51 Sb Antimony 121.76	52 Te Tellurium 127.6	53 I Iodine 126.904	54 Xe Xenon 131.29	
55 Cs Cesium 132.905	56 Ba Barium 137.33	*	72 Hf Hafnium 178.5	73 Ta Tantalum 180.947	74 W Tungsten 183.8	75 Re Rhenium 186.21	76 Os Osmium 190.2	77 Ir Iridium 192.22	78 Pt Platinum 195.08	79 Au Gold 196.966	80 Hg Mercury 200.59	81 Tl Thallium 204.383	82 Pb Lead 207	83 Bi Bismuth 208.980	84 Po Polonium 208.982	85 At Astatine 209.987	86 Rn Radon 222.017	
87 Fr Francium 223.019	88 Ra Radium 226.025	**	104 Rf Rutherfordium 261.102	105 Db Dubnium 268.101	106 Sg Seaborgium 271.103	107 Bh Bohrium 274.104	108 Hs Hassium 277.103	109 Mt Meitnerium 278.103	110 Ds Darmstadtium 281.103	111 Rg Roentgenium 282.103	112 Cn Copernicium 285.103	113 Nh Nihonium 286.103	114 Fl Flerovium 289.103	115 Mc Moscovium 290.103	116 Lv Livermorium 293.103	117 Ts Tennessine 294.103	118 Og Oganesson 294.103	

1 — Atomic number, Z

H — Element Symbol

Hydrogen — Name

1.008 — Atomic Mass, u

*	57 La Lanthanum 138.9055	58 Ce Cerium 140.12	59 Pr Praseodymium 140.907	60 Nd Neodymium 144.24	61 Pm Promethium 144.912	62 Sm Samarium 150.4	63 Eu Europium 151.96	64 Gd Gadolinium 157.2	65 Tb Terbium 158.925	66 Dy Dysprosium 162.50	67 Ho Holmium 164.930	68 Er Erbium 167.26	69 Tm Thulium 168.934	70 Yb Ytterbium 173.04	71 Lu Lutetium 174.967
**	89 Ac Actinium 227.027	90 Th Thorium 232.038	91 Pa Protactinium 231.036	92 U Uranium 238.029	93 Np Neptunium 237.043	94 Pu Plutonium 244.064	95 Am Americium 243.061	96 Cm Curium 247.070	97 Bk Berkelium 247.070	98 Cf Californium 251.079	99 Es Einsteinium 252.083	100 Fm Fermium 257.095	101 Md Mendelevium 258.098	102 No Nobelium 259.101	103 Lr Lawrencium 262.103