

PERIODIC TABLE OF THE ELEMENTS

										1											18
1																		2			
1	1 H Hydrogen 1.008																2 He Helium 4.003				
2	3 Li Lithium 6.941	4 Be Beryllium 9.012															10 Ne Neon 20.180				
3	11 Na Sodium 22.990	12 Mg Magnesium 24.305															18 Ar Argon 39.948				
4	19 K Potassium 39.098	20 Ca Calcium 40.078	21 Sc Scandium 44.956	22 Ti Titanium 47.867	23 V Vanadium 50.942	24 Cr Chromium 51.996	25 Mn Manganese 54.938	26 Fe Iron 55.847	27 Co Cobalt 58.933	28 Ni Nickel 58.693	29 Cu Copper 63.546	30 Zn Zinc 65.39	31 Ga Gallium 69.723	32 Ge Germanium 72.61	33 As Arsenic 74.922	34 Se Selenium 78.971	35 Br Bromine 79.904	36 Kr Krypton 83.80			
5	37 Rb Rubidium 85.468	38 Sr Strontium 87.62	39 Y Yttrium 88.906	40 Zr Zirconium 91.224	41 Nb Niobium 92.906	42 Mo Molybdenum 95.95	43 Tc Technetium (98) ●	44 Ru Ruthenium 101.07	45 Rh Rhodium 102.906	46 Pd Palladium 106.42	47 Ag Silver 107.868	48 Cd Cadmium 112.414	49 In Indium 114.82	50 Sn Tin 118.710	51 Sb Antimony 121.757	52 Te Tellurium 127.60	53 I Iodine 126.904	54 Xe Xenon 131.290			
6	55 Cs Cesium 132.905	56 Ba Barium 137.327	57 La Lanthanum 138.905	72 Hf Hafnium 178.49	73 Ta Tantalum 180.948	74 W Tungsten 183.84	75 Re Rhenium 186.207	76 Os Osmium 190.23	77 Ir Iridium 192.217	78 Pt Platinum 195.08	79 Au Gold 196.967	80 Hg Mercury 200.59	81 Tl Thallium 204.383	82 Pb Lead 207.2	83 Bi Bismuth 208.980	84 Po Polonium 208.982	85 At Astatine 209.987	86 Rn Radon 222.018			
7	87 Fr Francium (223)	88 Ra Radium (226)	89 Ac Actinium (227)	104 Rf Rutherfordium * (267) ●	105 Db Dubnium * (270) ●	106 Sg Seaborgium * (269) ●	107 Bh Bohrium * (270) ●	108 Hs Hassium * (277) ●	109 Mt Meitnerium * (278) ●	110 Ds Darmstadtium * (281) ●	111 Rg Roentgenium * (281) ●	112 Cn Copernicium * (285) ●	113 Nh Nihonium * (286) ●	114 Fl Flerovium * (289) ●	115 Mc Moscovium * (289) ●	116 Lv Livermorium * (293) ●	117 Ts Tennessine * (294) ●	118 Og Oganesson * (294) ●			

Atomic number 1 **H** Symbol

Hydrogen Element

1.008 Atomic mass

- Metal
- Metalloid
- Nonmetal
- Synthetic

The number in parentheses is the mass number of the longest-lived isotope for that element.

* Properties are largely predicted.

Lanthanide series

Actinide series

58 Ce Cerium 140.115	59 Pr Praseodymium 140.908	60 Nd Neodymium 144.242	61 Pm Promethium (145) ●	62 Sm Samarium 150.36	63 Eu Europium 151.965	64 Gd Gadolinium 157.25	65 Tb Terbium 158.925	66 Dy Dysprosium 162.50	67 Ho Holmium 164.930	68 Er Erbium 167.259	69 Tm Thulium 168.934	70 Yb Ytterbium 173.04	71 Lu Lutetium 174.967
90 Th Thorium 232.038	91 Pa Protactinium 231.036	92 U Uranium 238.029	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 * (262) ●