

PERIODIC TABLE OF THE ELEMENTS

																		Noble gases				Nonmetals												18			
																		Reactive nonmetals																			
																		Halogens																			
																		Metalloids																			
																		Post-transition metals																			
																		Transition metals																			
																		Lanthanoids																			
																		Actinoids																			
																		Alkaline-earth metals																			
																		Alkali metals																			
1																		13	14	15	16	17												18			
1 H Hydrogen 1,008																		5 B Boron 10,811	6 C Carbon 12,011	7 N Nitrogen 14,007	8 O Oxygen 15,999	9 F Fluorine 18,998												2 He Helium 4,003			
3 Li Lithium 6,941	4 Be Beryllium 9,012																10 Ne Neon 20,180																				
11 Na Sodium 22,990	12 Mg Magnesium 24,305																18 Ar Argon 39,948																				
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 55,845	27 Co Cobalt 58,933	28 Ni Nickel 58,693	29 Cu Copper 63,546	30 Zn Zinc 65,390	31 Ga Gallium 69,723	32 Ge Germanium 72,640	33 As Arsenic 74,922	34 Se Selenium 78,960	35 Br Bromine 79,904	36 Kr Krypton 83,800																				
37 Rb Rubidium 85,468	38 Sr Strontium 87,620	39 Y Yttrium 88,906	40 Zr Zirconium 91,224	41 Nb Niobium 92,906	42 Mo Molybdenum 95,938	43 Tc Technetium 98,000	44 Ru Ruthenium 101,070	45 Rh Rhodium 102,906	46 Pd Palladium 106,420	47 Ag Silver 107,868	48 Cd Cadmium 112,411	49 In Indium 114,818	50 Sn Tin 118,710	51 Sb Antimony 121,760	52 Te Tellurium 127,600	53 I Iodine 126,905	54 Xe Xenon 131,293																				
55 Cs Cesium 132,906	56 Ba Barium 137,327	57-71 Lanthanides	72 Hf Hafnium 178,490	73 Ta Tantalum 180,948	74 W Tungsten 180,948	75 Re Rhenium 186,207	76 Os Osmium 190,230	77 Ir Iridium 192,217	78 Pt Platinum 195,078	79 Au Gold 196,967	80 Hg Mercury 200,590	81 Tl Thallium 204,383	82 Pb Lead 207,200	83 Bi Bismuth 208,980	84 Po Polonium 209,000	85 At Astatine 210,000	86 Rn Radon 222,000																				
87 Fr Francium 223,000	88 Ra Radium 226,000	89-103 Actinides	104 Rf Rutherfordium 261,000	105 Db Dubnium 262,000	106 Sg Seaborgium 266,000	107 Bh Bohrium 264,000	108 Hs Hassium 277,000	109 Mt Meitnerium 278,000	110 Ds Darmstadtium 281,000	111 Rg Roentgenium 282,000	112 Cn Copernicium 285,000	113 Nh Nihonium 286,000	114 Fl Flerovium 289,000	115 Mc Moscovium 290,000	116 Lv Livermorium 293,000	117 Ts Tennessine 294,000	118 Og Oganesson 294,000																				
57 La Lanthanum 138,906	58 Ce Cerium 140,116	59 Pr Praseodymium 140,908	60 Nd Neodymium 144,240	61 Pm Promethium 145,000	62 Sm Samarium 150,360	63 Eu Europium 151,964	64 Gd Gadolinium 157,250	65 Tb Terbium 158,925	66 Dy Dysprosium 162,500	67 Ho Holmium 164,930	68 Er Erbium 167,259	69 Tm Thulium 168,934	70 Yb Ytterbium 173,040	71 Lu Lutetium 174,967																							
89 Ac Actinium 227,000	90 Th Thorium 232,038	91 Pa Protactinium 231,036	92 U Uranium 238,029	93 Np Neptunium 237,000	94 Pu Plutonium 244,000	95 Am Americium 243,000	96 Cm Curium 247,000	97 Bk Berkelium 247,000	98 Cf Californium 251,000	99 Es Einsteinium 252,000	100 Fm Fermium 257,000	101 Md Mendelevium 258,000	102 No Nobelium 259,000	103 Lr Lawrencium 262,000																							

