

1 1.008 <b>H</b> Hydrogen																	6 12.01 <b>C</b> Carbon	7 14.01 <b>N</b> Nitrogen	8 16.00 <b>O</b> Oxygen	2 4.00 <b>He</b> Helium										
11 22.99 <b>Na</b> Sodium	12 24.31 <b>Mg</b> Magnesium																	5 10.81 <b>B</b> Boron	15 30.97 <b>P</b> Phosphorus	16 32.06 <b>S</b> Sulfur	17 35.45 <b>Cl</b> Chlorine	10 20.18 <b>Ne</b> Neon								
19 39.10 <b>K</b> Potassium	20 40.08 <b>Ca</b> Calcium																	13 26.98 <b>Al</b> Aluminum	14 28.09 <b>Si</b> Silicon	18 72.64 <b>Fe</b> Iron	34 78.97 <b>Se</b> Selenium	18 39.96 <b>Ar</b> Argon								
		25 54.94 <b>Mn</b> Manganese	26 55.85 <b>Fe</b> Iron	27 58.93 <b>Co</b> Cobalt			29 63.55 <b>Cu</b> Copper	30 65.39 <b>Zn</b> Zinc																	31 69.72 <b>Ga</b> Gallium	32 72.64 <b>Ge</b> Germanium	33 74.92 <b>As</b> Arsenic	36 78.96 <b>Kr</b> Krypton		
		42 95.94 <b>Mo</b> Molybdenum																	43 92.91 <b>Tc</b> Technetium	44 101.07 <b>Ru</b> Ruthenium	45 101.07 <b>Rh</b> Rhodium	46 106.42 <b>Pd</b> Palladium	47 106.91 <b>Ag</b> Silver	48 112.41 <b>Cd</b> Cadmium	49 114.82 <b>In</b> Indium	50 117.25 <b>Sn</b> Tin	51 121.76 <b>Sb</b> Antimony	52 127.60 <b>Te</b> Tellurium	53 126.91 <b>I</b> Iodine	54 131.29 <b>Xe</b> Xenon
37 85.47 <b>Rb</b> Rubidium	38 87.62 <b>Sr</b> Strontium	39 88.91 <b>Y</b> Yttrium	40 91.22 <b>Zr</b> Zirconium	41 92.91 <b>Nb</b> Niobium	42 95.94 <b>Mo</b> Molybdenum	43 92.91 <b>Tc</b> Technetium	44 101.07 <b>Ru</b> Ruthenium	45 101.07 <b>Rh</b> Rhodium	46 106.42 <b>Pd</b> Palladium	47 106.91 <b>Ag</b> Silver	48 112.41 <b>Cd</b> Cadmium	49 114.82 <b>In</b> Indium	50 117.25 <b>Sn</b> Tin	51 121.76 <b>Sb</b> Antimony	52 127.60 <b>Te</b> Tellurium	53 126.91 <b>I</b> Iodine	54 131.29 <b>Xe</b> Xenon													
55 132.91 <b>Cs</b> Cesium	56 137.33 <b>Ba</b> Barium	57 138.91 <b>La</b> Lanthanum	72 178.49 <b>Hf</b> Hafnium	73 180.95 <b>Ta</b> Tantalum	74 186.21 <b>W</b> Tungsten	75 186.21 <b>Re</b> Rhenium	76 186.21 <b>Os</b> Osmium	77 190.23 <b>Ir</b> Iridium	78 195.08 <b>Pt</b> Platinum	79 196.97 <b>Au</b> Gold	80 200.59 <b>Hg</b> Mercury	81 204.38 <b>Tl</b> Thallium	82 207.2 <b>Pb</b> Lead	83 208.98 <b>Bi</b> Bismuth	84 208.98 <b>Po</b> Polonium	85 209 <b>At</b> Astatine	86 210 <b>Rn</b> Radon													
87 223 <b>Fr</b> Francium	88 226 <b>Ra</b> Radium	89 227 <b>Ac</b> Actinium	104 261 <b>Rf</b> Rutherfordium	105 262 <b>Db</b> Dubnium	106 263 <b>Sg</b> Seaborgium	107 263 <b>Bh</b> Bohrium	108 264 <b>Hs</b> Hassium	109 265 <b>Mt</b> Meitnerium	110 266 <b>Ds</b> Darmstadtium	111 267 <b>Rg</b> Roentgenium	112 268 <b>Cn</b> Copernicium	113 269 <b>Nh</b> Nihonium	114 269 <b>Fl</b> Flerovium	115 270 <b>Mc</b> Moscovium	116 271 <b>Lv</b> Livermorium	117 272 <b>Ts</b> Tennessine	118 273 <b>Og</b> Oganesson													
58 140.12 <b>Ce</b> Cerium	59 140.91 <b>Pr</b> Praseodymium	60 140.91 <b>Nd</b> Neodymium	61 140.91 <b>Pm</b> Promethium	62 140.91 <b>Sm</b> Samarium	63 140.91 <b>Eu</b> Europium	64 140.91 <b>Gd</b> Gadolinium	65 140.91 <b>Tb</b> Terbium	66 140.91 <b>Dy</b> Dysprosium	67 140.91 <b>Ho</b> Holmium	68 140.91 <b>Er</b> Erbium	69 140.91 <b>Tm</b> Thulium	70 140.91 <b>Yb</b> Ytterbium	71 140.91 <b>Lu</b> Lutetium																	
90 232 <b>Th</b> Thorium	91 231 <b>Pa</b> Protactinium	92 231 <b>U</b> Uranium	93 231 <b>Np</b> Neptunium	94 231 <b>Pu</b> Plutonium	95 231 <b>Am</b> Americium	96 231 <b>Cm</b> Curium	97 231 <b>Bk</b> Berkelium	98 231 <b>Cf</b> Californium	99 231 <b>Es</b> Einsteinium	100 231 <b>Fm</b> Fermium	101 231 <b>Md</b> Mendelevium	102 231 <b>No</b> Nobelium	103 231 <b>Lr</b> Lawrencium																	