	1			_														18
1	1 <b>H</b> hydrogen 1.01	2			Atom	ic Number	_	gend	ement Sym	bol			13	14	15	16	17	2 He helium 4.00
2	3 Li lithium 6.94	4 Be beryllium 9.01			Element Name hydrogen 1.01 Average Atomic Mass  *If this number is in parentheses, then it refers to the atomic mass of the								5 <b>B</b> boron 10.81	6 C carbon 12.01	7 <b>N</b> nitrogen 14.01	8 O oxygen 16.00	9 <b>F</b> fluorine 19.00	10 <b>Ne</b> neon 20.18
3	11 Na sodium 22.99	12 Mg magnesium 24.30	3	4	most stable	isotope.  6	7	8	9	10	11	12	13 Al aluminum 26.98	14 Si silicon 28.09	15 P phosphorus 30.97	16 <b>S</b> sulfur 32.06	17 CI chlorine 35.45	18 <b>Ar</b> argon 39.95
4	19 <b>K</b> potassium 39.10	20 Ca calcium 40.08	21 SC scandium 44.96	22 <b>Ti</b> titanium 47.87	23 V vanadium 50.94	24 Cr chromium 52.00	25 Mn manganese 54.94	26 <b>Fe</b> iron 55.85	27 <b>Co</b> cobalt 58.93	28 <b>Ni</b> nickel 58.69	29 <b>Cu</b> copper 63.55	30 <b>Zn</b> zinc 65.38	31 Ga gallium 69.72	32 <b>Ge</b> germanium 72.63	33 <b>AS</b> arsenic 74.92	34 Se selenium 78.97	35 Br bromine 79.90	36 Kr krypton 83.80
5	37 <b>Rb</b> rubidium 85.47	38 Sr strontium 87.62	39 <b>Y</b> yttrium 88.91	40 Zr zirconium 91.22	41 Nb niobium 92.91	42 Mo molybdenum 95.95	43 TC technetium (98)	44 Ru ruthenium 101.07	45 <b>Rh</b> rhodium 102.91	46 Pd palladium 106.42	47 <b>Ag</b> silver 107.87	48 Cd cadmium 112.41	49 <b>In</b> indium 114.82	50 <b>Sn</b> tin 118.71	51 Sb antimony 121.76	52 <b>Te</b> tellurium 127.60	53   	54 <b>Xe</b> xenon 131.29
6	55 <b>CS</b> cesium 132.91	56 <b>Ba</b> barium 137.33	57-71	72 <b>Hf</b> hafnium 178.49	73 <b>Ta</b> tantalum 180.95	74 <b>W</b> tungsten 183.84	75 <b>Re</b> rhenium 186.21	76 Os osmium 190.23	77 Ir iridium 192.22	78 Pt platinum 195.08	79 <b>Au</b> gold 196.97	80 <b>Hg</b> mercury 200.59	81 TI thallium 204.38	82 <b>Pb</b> lead 207.21	83 Bi bismuth 208.98	PO polonium (209)	85 At astatine (210)	86 <b>Rn</b> radon (222)
7	87 Fr francium (223)	88 Ra radium (226)	89-103	104 <b>Rf</b> rutherfordium (287)	105 <b>Db</b> dubnium (268)	106 Sg seaborgium (269)	107 <b>Bh</b> bohrium (270)	108 <b>HS</b> hassium (269)	109 Mt meitnerium (278)	110 DS darmstadtium (281)	111 <b>Rg</b> roentgenium (282)	112 Cn copernicium (285)	113 Nh nihonium (286)	114 FI flerovium (289)	115 MC moscovium (289)	116 Lv livermorium (293)	117 <b>TS</b> tennessine (294)	118 Og oganesson (294)
			57 <b>La</b> lanthanum 138.91 89	58 Ce cerium 140.12 90 Th	59 Pr praseodymium 140.91 91 Pa	60 Nd neodymium 144.24	61 Pm promethium (145) 93 Np	62 Sm samarium 150.38	63 <b>Eu</b> europium 151.98 95 <b>Am</b>	64 Gd gadolinium 157.25 96 Cm	65 <b>Tb</b> terbium 158.93 97 <b>Bk</b>	66 Dy dysprosium 162.50 98 Cf	67 H0 holmium 184.93 99 Es	68 Er erbium 187.28 100 Fm	69 <b>Tm</b> thulium 168.93 101 <b>Md</b>	70 <b>Yb</b> ytterbium 173.05 102 <b>No</b>	71 <b>Lu</b> lutetium 174.97 103 <b>Lr</b>	
			actinium (227)	thorium 232.04	protactinium 231.04	uranium 238.03	neptunium (237)	plutonium (244)	americium (243)	curium (247)	berkelium (247)	californium (251)	einsteinium (252)	fermium (257)	mendelevium (258)	nobelium (259)	lawrencium (266)	