The Periodic Table of the Elements

Hydrogen 1 H 1.01	1 			Alkali metals Alkaline earth metals Transition metals Other metals Metalloids (semi-metal)			ement na Syn	ame—	8	Mercury 80 ← Atomic # > Hg			13	14	15	16	17	Pelium 2 He 4.00
3 Li 6.94	Be 9.01		Hale	nmetals ogens ole gases					200.59 ← Avg. Mass			5 B 10.81	Carbon 6 C 12.01	Nitrogen 7 N 14.01	Oxygen 8 0 16.00	9 F 19.00	Neon 10 Ne 20.18	
Na 22.99	Magnesium 12 Mg 24.31		3	4	5	6	7	8	9	10	11	12	Aluminum 13 Al 26.98	\$ilicon 14 \$i 28.09	Phosphorus 15 P 30.97	Sulfur 16 S 32.07	Chlorine 17 CI 35.45	Argon 18 Ar 39.95
Potassium 19 K 39.10	20 Ca Ca 40.08		\$candium 21 \$C 44.96	Titanium 22 Ti 47.88	Vanadium 23 V 50.94	Chromium 24 Cr 52.00	Manganese 25 Mn 54.94	26 Fe 55.85	Cobalt 27 Co 58.93	Nickel 28 Ni 58.69	Copper 29 Cu 63.55	30 Zn 65.39	Gallium 31 Ga 69.72	Germanium 32 Ge 72.61	Arsenic 33 As 74.92	Selenium 34 Se 78.96	35 Br 79.90	36 Kr 83.80
Rubidium 37 Rb 85.47	\$trontium 38 \$r 87.62		Yttrium 39 Y 88.91	Zirconium 40 Zr 91.22	Niobium 41 Nb 92.91	Molybdenum 42 Mo 95.94	Technetium 43 Tc (98)	Ruthenium 44 Ru 101.07	Rhodium 45 Rh 102.91	Palladium 46 Pd 106.42	Silver 47 Ag 107.87	Cadmium 48 Cd 112.41	Indium 49 In 114.82	50 Sn 118.71	51 Sb 121.76	52 Te 127.60	126.90	Xenon 54 Xe 131.29
55 Cs 132.91	56 Ba 137.33	57-70 *	Lutetium 71 Lu 174.97	Hafnium 72 Hf 178.49	73 Ta 180.95	Tungsten 74 W 183.84	75 Re 186.21	76 Os 190.23	1ridium 77 Ir 192.22	78 Pt 195.08	79 Au 196.97	Mercury 80 Hg 200.59	Thallium 81 TI 204.38	82 Pb 207.20	83 Bi 208.98	Polonium 84 Po (209)	85 At (210)	Radon 86 Rn (222)
87 Fr (223)	Radium 88 Ra (226)	89-102 **	103 Lr (262)	Rutherfordium 104 Rf (267)	Dubnium 105 Db (268)	Seaborgium 106 Sg (271)	Bohrium 107 Bh (272)	Hassium 108 Hs (270)	Meitnerium 109 Mt (276)	Darmstadtium 110 Ds (281)	Roentgenium 111 Rg (280)	Copernicium 112 Cn (285)	Ununtrium 113 Uut (284)	Ununquadium 114 Uuq (289)	Ununpentium 115 Uup (288)	Ununhexium 116 Uuh (293)	Ununseptium 117 Uus (294?)	Ununoctium 118 Uuo (294)

	Lanthanum 57	Cerium 58	Praseodymium 59	Neodymium 60	Promethium 61	Samarium 62	Europium 63	Gadolinium 64	Terbium 65	Dysprosium 66	Holmium 67	Erbium 68	Thulium 69	Ytterbium 70
*lanthanides	La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Но	Er	Tm	Yb
	138.91	140.12	140.91	144.24	(145)	150.36	151.97	157.25	158.93	162.50	164.93	167.26	168.93	173.04
	Actinium 89	Thorium 90	Protactinium 91	Uranium 92	Neptunium 93	Plutonium 94	Americium 95	Curium 96	Berkelium 97	Californium 98	Einsteinium 99	Fermium 100	Mendelevium 101	Nobelium 102
**actinides	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No
	(227)	232.04	231.04	238.03	(237)	(244)	(243)	(247)	(247)	(251)	(252)	(257)	(258)	(259)
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