

periodic table of elements

																		1											18						
																		metals	metalloids																non-metals
1	1												2												2										
1	H Hydrogen 1.00794																							He Helium 4.0026											
2	3	4											5	6	7	8	9	10											10						
2	Li Lithium 6.941	Be Beryllium 9.0122											B Boron 10.811	C Carbon 12.011	N Nitrogen 14.0067	O Oxygen 15.9994	F Fluorine 18.9984	Ne Neon 20.1797																	
3	11	12											13	14	15	16	17	18											18						
3	Na Sodium 22.9898	Mg Magnesium 24.3050											Al Aluminum 26.9815	Si silicon 28.0855	P Phosphorus 30.9738	S sulfur 32.066	Cl Chlorine 35.4527	Ar Argon 39.948																	
4	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36																	
4	K Potassium 39.0983	Ca Calcium 40.078	Sc Scandium 44.9559	Ti Titanium 47.867	V Vanadium 50.9415	Cr Chromium 51.9961	Mn Manganese 54.9381	Fe Iron 55.845	Co Cobalt 58.9332	Ni Nickel 58.6934	Cu Copper 63.546	Zn Zinc 65.39	Ga Gallium 69.723	Ge Germanium 72.61	As Arsenic 74.9216	Se Selenium 78.966	Br Bromine 79.904	Kr Krypton 83.80																	
5	37	38	39	40	41	42		44	45	46	47	48	49	50	51	52	53	54																	
5	Rb rubidium 85.4678	Sr Strontium 87.62	Y Yttrium 88.9059	Zr Zirconium 91.224	Nb Niobium 92.9064	Mo Molybdenum 95.94	Tc Technetium (98)	Ru Ruthenium 101.07	Rh Rhodium 102.9055	Pd Palladium 106.42	Ag Silver 107.8682	Cd Cadmium 112.411	In Indium 114.818	Sn Tin 118.71	Sb Antimony 121.760	Te Tellurium 127.60	I Iodine 126.9045	Xe Xenon 131.29																	
6	55	56		72	73	74	75	76	77	78	79	80	81	82	83	84	85	86																	
6	Cs cesium 132.9054	Ba Barium 137.327		Hf Hafnium 178.49	Ta Tantalum 180.9479	W Tungsten 183.84	Re Rhenium 186.207	Os Osmium 190.23	Ir Iridium 192.217	Pt Platinum 195.08	Au Gold 196.9665	Hg Mercury 200.59	Tl Thallium 204.3833	Pb Lead 207.19	Bi Bismuth 208.9804	Po Polonium (208.98)	At Astatine (209.99)	Rn Radon (222.02)																	
7	87	88		104	105	106	107	108	109	110	111	112	113	114	115	116	117	118																	
7	Fr Francium (223.02)	Ra Radium (226.03)		Rf Rutherfordium (267)	Db Dubnium (268)	Sg Seaborgium (271)	Bh Bohrium (272)	Hs Hassium (277)	Mt Meitnerium (276)	Ds Darmstadtium (281)	Rg Roentgenium (280)	Cn Copernicium (285)	Nh Nihonium (287)	Fl Flerovium (289)	Mc Moscovium (291)	Lv Livermorium (292)	Ts Tennessine (293)	Og Oganesson (294)																	
			57	58	59	60	61	62	63	64	65	66	67	68	69	70	71																		
			La Lanthanum 138.9055	Ce Cerium 140.115	Pr Praseodymium 140.91	Nd Neodymium 144.24	Pm Promethium (145)	Sm Samarium 150.36	Eu Europium 151.965	Gd Gadolinium 157.25	Tb Terbium 158.9253	Dy Dysprosium 162.50	Ho Holmium 164.9303	Er Erbium 167.26	Tm Thulium 168.9342	Yb Ytterbium 173.04	Lu Lutetium 174.967																		
			89	90	91	92	93	94	95	96	97	98	99	100	101	102	103																		
			Ac Actinium (227)	Th Thorium 232.04	Pa Protactinium 231.04	U Uranium 238.03	Np Neptunium (237)	Pu Plutonium (244)	Am Americium (243)	Cm Curium (247)	Bk Berkelium (247)	Cf Californium (251)	Es Einsteinium (252)	Fm Fermium (257)	Md Mendelevium (258)	No Nobelium (259)	Lr Lawrencium (262)																		