

The Periodic Table of Elements

1																	18		
1															2				
1	3	4											5	6	7	8	9	10	
H Hydrogen 1.00794	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 20.183	
2	11	12											13	14	15	16	17	18	
Na Sodium 22.9898	Mg Magnesium 24.305											Al Aluminum 26.9815	Si Silicon 28.086	P Phosphorus 30.9738	S Sulfur 32.066	Cl Chlorine 35.453	Ar Argon 39.948		
3	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
K Potassium 39.098	Ca Calcium 40.08	Sc Scandium 44.956	Ti Titanium 47.87	V Vanadium 50.942	Cr Chromium 51.996	Mn Manganese 54.9380	Fe Iron 55.845	Co Cobalt 58.9332	Ni Nickel 58.69	Cu Copper 63.546	Zn Zinc 65.39	Ga Gallium 69.72	Ge Germanium 72.61	As Arsenic 74.9216	Se Selenium 78.96	Br Bromine 79.904	Kr Krypton 83.80		
4	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	
Rb Rubidium 85.47	Sr Strontium 87.62	Y Yttrium 88.906	Zr Zirconium 91.22	Nb Niobium 92.906	Mo Molybdenum 95.94	Tc Technetium (98)	Ru Ruthenium 101.07	Rh Rhodium 102.905	Pd Palladium 106.4	Ag Silver 107.868	Cd Cadmium 112.41	In Indium 114.82	Sn Tin 118.71	Sb Antimony 121.76	Te Tellurium 127.60	I Iodine 126.9045	Xe Xenon 131.29		
5	55	56	57-71 Lanthanides		72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
Cs Cesium 132.905	Ba Barium 137.33			Hf Hafnium 178.49	Ta Tantalum 180.948	W Tungsten 183.84	Re Rhenium 186.2	Os Osmium 190.2	Ir Iridium 192.2	Pt Platinum 195.08	Au Gold 196.967	Hg Mercury 200.59	Tl Thallium 204.38	Pb Lead 207.2	Bi Bismuth 208.98	Po Polonium (210)	At Astatine (210)	Rn Radon (222)	
6	87	88	89-103 Actinides		104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
Fr Francium (223)	Ra Radium (226)			Rf Rutherfordium (267)	Db Dubnium (268)	Sg Seaborgium (271)	Bh Bohrium (272)	Hs Hassium (270)	Mt Meitnerium (276)	Ds Darmstadtium (281)	Rg Roentgenium (280)	Cn Copernicium (285)	Nh Nihonium (284)	Fl Flerovium (289)	Mc Moscovium (288)	Lv Livermorium (293)	Ts Tennessine (294)	Og Oganesson (294)	
7	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71				
	La Lanthanum 138.91	Ce Cerium 140.12	Pr Praseodymium 140.908	Nd Neodymium 144.24	Pm Promethium (145)	Sm Samarium 150.36	Eu Europium 151.96	Gd Gadolinium 157.25	Tb Terbium 158.925	Dy Dysprosium 162.50	Ho Holmium 164.930	Er Erbium 167.26	Tm Thulium 168.934	Yb Ytterbium 173.05	Lu Lutetium 174.97				
	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103				
	Ac Actinium (227)	Th Thorium 232.038	Pa Protactinium 231.036	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)				