

The Periodic Table of the Elements

IA													VIII																					
1	3		4															5		6		7		8		9		10						
H Hydrogen 1.00797	Li Lithium 6.941		Be Beryllium 9.01218															B Boron 10.81	C Carbon 12.011	N Nitrogen 14.0067	O Oxygen 15.9994	F Fluorine 18.998403	Ne Neon 20.179											
2														6		13		14		15		16		17		18								
														C Carbon 12.011	Al Aluminum 26.98154	Si Silicon 28.0855	P Phosphorus 30.97376	S Sulfur 32.06	Cl Chlorine 35.453	Ar Argon 39.948														
3	VIII													IB		IIB																		
														Na Sodium 22.98977	Mg Magnesium 24.305														Ga Gallium 69.72	Ge Germanium 72.59	As Arsenic 74.9216	Se Selenium 78.96	Br Bromine 79.904	Kr Krypton 83.80
4	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36																
	K Potassium 39.0983	Ca Calcium 40.08	Sc Scandium 44.9559	Ti Titanium 47.90	V Vanadium 50.9415	Cr Chromium 51.996	Mn Manganese 54.9380	Fe Iron 55.847	Co Cobalt 58.9332	Ni Nickel 58.70	Cu Copper 63.546	Zn Zinc 65.38	Ga Gallium 69.72	Ge Germanium 72.59	As Arsenic 74.9216	Se Selenium 78.96	Br Bromine 79.904	Kr Krypton 83.80																
5	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54																
	Rb Rubidium 85.4678	Sr Strontium 87.62	Y Yttrium 88.9059	Zr Zirconium 91.22	Nb Niobium 92.9064	Mo Molybdenum 95.94	Tc Technetium (98)	Ru Ruthenium 101.07	Rh Rhodium 102.9055	Pd Palladium 106.4	Ag Silver 107.868	Cd Cadmium 112.41	In Indium 114.82	Sn Tin 118.69	Sb Antimony 121.75	Te Tellurium 127.60	I Iodine 126.9045	Xe Xenon 131.30																
6	55	56	57	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86																
	Cs Cesium 132.9054	Ba Barium 137.33	La Lanthanum 138.9055	Hf Hafnium 178.49	Ta Tantalum 180.9479	W Tungsten 183.85	Re Rhenium 186.207	Os Osmium 190.2	Ir Iridium 192.22	Pt Platinum 195.09	Au Gold 196.9665	Hg Mercury 200.59	Tl Thallium 204.37	Pb Lead 207.2	Bi Bismuth 208.9804	Po Polonium (209)	At Astatine (210)	Rn Radon (222)																
7	87	88	89	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118																
	Fr Francium (223)	Ra Radium 226.0254	Ac Actinium 227.0278	Rf Rutherfordium (261)	Db Dubnium (262)	Sg Seaborgium (263)	Bh Bohrium (262)	Hs Hassium (255)	Mt Meitnerium (256)	Uun Ununnilium (269)	Uuu Unununium (272)	Uub Ununbium (277)	—	Uuq Ununquadium	—	—	—	—																

Lanthanides		58	59	60	61	62	63	64	65	66	67	68	69	70	71
		Ce Cerium 140.12	Pr Praseodymium 140.9077	Nd Neodymium 144.24	Pm Promethium (145)	Sm Samarium 150.4	Eu Europium 151.96	Gd Gadolinium 157.25	Tb Terbium 158.9254	Dy Dysprosium 162.50	Ho Holmium 164.9304	Er Erbium 167.26	Tm Thulium 168.9342	Yb Ytterbium 173.04	Lu Lutetium 174.967
Actinides		90	91	92	93	94	95	96	97	98	99	100	101	102	103
		Th Thorium 232.0381	Pa Protactinium 231.0359	U Uranium 238.029	Np Neptunium 237.0482	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 (250)	Lr Lawrencium (260)