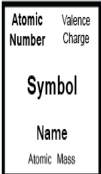


# Periodic Table of the Elements

1 IA 1A												18 VIIIA 8A								
1	H Hydrogen 1.008											2	He Helium 4.003							
3	Li Lithium 6.941	4	Be Beryllium 9.012											5	6	7	8	9	10	
11	Na Sodium 22.990	12	Mg Magnesium 24.305	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
				3B	4B	5B	6B	7B	VIII 8			1B	2B	3A	4A	5A	6A	7A		
19	K Potassium 39.098	20	Ca Calcium 40.078	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
37	Rb Rubidium 84.468	38	Sr Strontium 87.62	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	
55	Cs Cesium 132.905	56	Ba Barium 137.327	57-71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	
87	Fr Francium 223.020	88	Ra Radium 226.025	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	
					Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	Fl	Uup	Lv	Uus	Uuo	
					[281]	[282]	[286]	[284]	[286]	[288]	[289]	[289]	[289]	[289]	[289]	[289]	[289]	[289]	[289]	



Lanthanide Series	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71
	La Lanthanum 138.906	Ce Cerium 140.115	Pr Praseodymium 140.908	Nd Neodymium 144.24	Pm Promethium 144.913	Sm Samarium 150.36	Eu Europium 151.966	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 173.04	Lu Lutetium 174.967
Actinide Series	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
	Ac Actinium 227.028	Th Thorium 232.038	Pa Protactinium 231.036	U Uranium 238.029	Np Neptunium 237.048	Pu Plutonium 244.064	Am Americium 243.061	Cm Curium 247.070	Bk Berkelium 247.070	Cf Californium 251.080	Es Einsteinium [254]	Fm Fermium 257.085	Md Mendelevium 258.1	No Nobelium 259.101	Lr Lawrencium [262]