

Periodic Table of Elements

1 IA													18 VIIIA																																																																																																																																																																																																											
1	2.20 H₂ Hydrogen 1.01												2 He Helium 4.00																																																																																																																																																																																																											
2	3	0.98 Li Lithium 6.94											4	1.57 Be Beryllium 9.01																								5	2.04 B Boron 10.81											6	2.55 C Carbon 12.01											7	3.14 N₂ Nitrogen 14.01											8	3.44 O₂ Oxygen 16.00											9	3.98 F₂ Fluorine 19.00											10	20.18 Ne Neon																																																																																																																					
3	11	0.93 Na Sodium 22.99											12	1.31 Mg Magnesium 24.31											3 IIIA													13	1.61 Al Aluminium 26.98											14	1.90 Si Silicon 28.09											15	2.19 P Phosphorus 30.97											16	2.38 S Sulphur 32.10											17	3.16 Cl₂ Chlorine 35.45											18	39.95 Ar Argon																																																																																																																					
4	19	0.82 K Potassium 39.10											20	1.00 Ca Calcium 40.08											21	1.36 Sc Scandium 44.96											22	1.54 Ti Titanium 47.87											23	1.63 V Vanadium 50.94											24	1.66 Cr★ Chromium 52.00											25	1.55 Mn Manganese 54.94											26	1.83 Fe Iron 55.85											27	1.88 Co Cobalt 58.93											28	1.91 Ni Nickel 58.69											29	1.90 Cu★ Copper 63.55											30	1.65 Zn Zinc ⁽²⁺⁾ 65.38											31	1.81 Ga Gallium 69.72											32	2.01 Ge Germanium 72.63											33	2.18 As Arsenic 74.92											34	2.55 Se Selenium 78.97											35	2.96 Br₂ Bromine 79.90											36	3.00 Kr Krypton 83.80										
5	37	0.82 Rb Rubidium 85.47											38	0.95 Sr Strontium 87.62											39	1.22 Y Yttrium 88.91											40	1.33 Zr Zirconium 91.22											41	1.6 Nb★ Niobium 92.91											42	2.16 Mo★ Molybdenum 95.95											43	1.9 Tc Technetium (98)											44	2.2 Ru★ Ruthenium 101.07											45	2.28 Rh★ Rhodium 102.91											46	2.20 Pd★★ Palladium 106.42											47	1.93 Ag Silver ⁽¹⁺⁾ 107.87											48	1.69 Cd Cadmium 112.41											49	1.78 In Indium 114.82											50	1.96 Sn★ Tin 118.71											51	2.05 Sb Antimony 121.76											52	2.1 Te Tellurium 127.60											53	2.86 I₂ Iodine 126.90											54	2.60 Xe Xenon 131.29										
6	55	0.79 Cs Caesium 132.91											56	0.89 Ba Barium 137.33											57-71 La-Lu Lanthanide											72	1.3 Hf Hafnium 178.49											73	1.5 Ta Tantalum 180.95											74	2.36 W Tungsten 183.84											75	1.9 Re Rhenium 186.21											76	2.2 Os Osmium 190.23											77	2.20 Ir Iridium 192.22											78	2.28 Pt Platinum 195.08											79	2.54 Au★ Gold 196.97											80	2.00 Hg Mercury 200.59											81	1.62 Tl Thallium 204.38											82	1.87 Pb Lead 207.2											83	2.02 Bi Bismuth 208.98											84	2.0 Po Polonium (209)											85	2.2 At Astatine (210)											86	2.2 Rn Radon (222)											
7	87	0.7 Fr Francium (223)											88	0.9 Ra Radium (226)											89-103 Ac-Lr Actinide											104	Rf Rutherfordium (267)											105	Db Dubnium (268)											106	Sg Seaborgium (269)											107	Bh Bohrium (270)											108	Hs Hassium (277)											109	Mt Meitnerium (278)											110	Ds Darmstadtium (281)											111	Rg Roentgenium (282)											112	Cn Copernicium (285)											113	Nh Nihonium (286)											114	Fl Flerovium (289)											115	Mc Moscovium (290)											116	Lv Livermorium (293)											117	Ts Tennessine (294)											118	Og Ogannesson (294)											
													Z E.N. Sym Name mass													57	1.1 La Lanthanum 138.91											58	1.12 Ce Cerium 140.12											59	1.13 Pr Praseodymium 140.91											60	1.14 Nd Neodymium 144.24											61	1.13 Pm Promethium (145)											62	1.17 Sm Samarium 150.36											63	1.2 Eu Europium 151.96											64	1.2 Gd Gadolinium 157.25											65	1.1 Tb Terbium 158.93											66	1.22 Dy Dysprosium 162.50											67	1.23 Ho Holmium 164.93											68	1.24 Er Erbium 167.26											69	1.25 Tm Thulium 168.93											70	1.1 Yb Ytterbium 173.05											71	1.27 Lu Lutetium 174.97																					
													89	1.1 Ac Actinium (227)											90	1.3 Th Thorium 232.04											91	1.5 Pa Protactinium 231.04											92	1.38 U Uranium 238.03											93	1.36 Np Neptunium (237)											94	1.28 Pu Plutonium (244)											95	1.13 Am Americium (243)											96	1.28 Cm Curium (247)											97	1.3 Bk Berkelium (247)											98	1.3 Cf Californium (251)											99	1.3 Es Einsteinium (252)											100	1.3 Fm Fermium (257)											101	1.3 Md Mendelevium (258)											102	1.3 No Nobelium (259)											103	1.3 Lr Lawrencium (266)																																		

Alkali MetalAlkaline-EarthMetalMetalloidNon-metalHalogenNoble GasLanthanide/ActinideSynthetic