

Periodic Table

1

1.0	Relative atomic mass
H	Symbol
Hydrogen	
1	Atomic number

18

4.0	
He	
Helium	
2	

Key
 Those numbers appearing within brackets are the mass numbers of common isotopes
 Those elements underlined are radioactive

N element is a gas
Hg element is a liquid
Li element is a solid

} at room temperature and pressure

6.9 Li Lithium 3	9.0 Be Beryllium 4											10.8 B Boron 5	12.0 C Carbon 6	14.0 N Nitrogen 7	16.0 O Oxygen 8	19.0 F Fluorine 9	20.2 Ne Neon 10
23.0 Na Sodium 11	24.3 Mg Magnesium 12											27.0 Al Aluminium 13	28.1 Si Silicon 14	31.0 P Phosphorus 15	32.1 S Sulphur 16	35.5 Cl Chlorine 17	39.9 Ar Argon 18
39.1 K Potassium 19	40.1 Ca Calcium 20	45.0 Sc Scandium 21	47.9 Ti Titanium 22	50.9 V Vanadium 23	52.0 Cr Chromium 24	54.9 Mn Manganese 25	55.8 Fe Iron 26	58.9 Co Cobalt 27	58.7 Ni Nickel 28	63.5 Cu Copper 29	65.4 Zn Zinc 30	69.7 Ga Gallium 31	72.6 Ge Germanium 32	74.9 As Arsenic 33	79.0 Se Selenium 34	79.9 Br Bromine 35	83.8 Kr Krypton 36
85.5 Rb Rubidium 37	87.6 Sr Strontium 38	88.9 Y Yttrium 39	91.2 Zr Zirconium 40	92.9 Nb Niobium 41	95.9 Mo Molybdenum 42	(99) Tc <u>Technetium</u> 43	101.1 Ru Ruthenium 44	102.9 Rh Rhodium 45	106.4 Pd Palladium 46	107.9 Ag Silver 47	112.4 Cd Cadmium 48	114.8 In Indium 49	118.7 Sn Tin 50	121.8 Sb Antimony 51	127.6 Te Tellurium 52	126.9 I Iodine 53	131.3 Xe Xenon 54
132.9 Cs Caesium 55	137.3 Ba Barium 56	138.9 La Lanthanum 57	178.5 Hf Hafnium 72	181.0 Ta Tantalum 73	183.9 W Tungsten 74	186.2 Re Rhenium 75	190.2 Os Osmium 76	192.2 Ir Iridium 77	195.1 Pt Platinum 78	197.0 Au Gold 79	200.6 Hg Mercury 80	204.4 Tl Thallium 81	207.2 Pb Lead 82	209.0 Bi Bismuth 83	(210) Po <u>Polonium</u> 84	(210) At <u>Astatine</u> 85	(222) Rn <u>Radon</u> 86
(223) Fr <u>Francium</u> 87	(226) Ra <u>Radium</u> 88	(227) Ac <u>Actinium</u> 89	(261) Rf <u>Rutherfordium</u> 104	(262) Db <u>Dubnium</u> 105	(263) Sg <u>Seaborgium</u> 106	(262) Bh <u>Bohrium</u> 107	(265) Hs <u>Hassium</u> 108	(266) Mt <u>Meitnerium</u> 109									

* 58-71 Lanthanide series

140.1 Ce Cerium 58	140.9 Pr Praseodymium 59	144.2 Nd Neodymium 60	(147) Pm <u>Promethium</u> 61	150.4 Sm Samarium 62	152.0 Eu Europium 63	157.3 Gd Gadolinium 64	158.9 Tb Terbium 65	162.5 Dy Dysprosium 66	164.9 Ho Holmium 67	167.3 Er Erbium 68	168.9 Tm Thulium 69	173.0 Yb Ytterbium 70	175.0 Lu Lutetium 71
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† 90-103 Actinide series

232.0 Th Thorium 90	(231) Pa <u>Protactinium</u> 91	238.1 U Uranium 92	(237) Np <u>Neptunium</u> 93	(244) Pu Plutonium 94	(243) Am <u>Americium</u> 95	(247) Cm Curium 96	(247) Bk Berkelium 97	(251) Cf <u>Californium</u> 98	(252) Es <u>Einsteinium</u> 99	(257) Fm <u>Fermium</u> 100	(258) Md <u>Mendelevium</u> 101	(259) No <u>Nobelium</u> 102	(260) Lr <u>Lawrencium</u> 103
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