The Periodic Table

Key

1	Atomic number
Hydrogen	Name
H	Symbol
1.008	Atomic weight

Period	Group 1 1A	2 2A	3 3B	4 4B	5 5B	6 6B	7 7B	8 8B	9 8B	10 8B	11 1B	12 2B	13 3A	14 4A	15 5A	16 6A	17 7A	18 8A
1	1 Hydrogen **H** 1.008																	2 Helium **He** 4.003
2	3 Lithium **Li** 6.941	4 Beryllium **Be** 9.012											5 Boron **B** 10.81	6 Carbon **C** 12.01	7 Nitrogen **N** 14.01	8 Oxygen **O** 16.00	9 Fluorine **F** 19.00	10 Neon **Ne** 20.18
3	11 Sodium **Na** 22.99	12 Magnesium **Mg** 24.31											13 Aluminum **Al** 29.98	14 Silicon **Si** 28.09	15 Phosphorus **P** 30.97	16 Sulfur **S** 32.07	17 Chlorine **Cl** 35.45	18 Argon **Ar** 39.95
4	19 Potassium **K** 39.10	20 Calcium **Ca** 40.08	21 Scandium **Sc** 44.96	22 Titanium **Ti** 47.87	23 Vanadium **V** 50.94	24 Chromium **Cr** 52.00	25 Manganese **Mn** 54.94	26 Iron **Fe** 55.85	27 Cobalt **Co** 58.93	28 Nickel **Ni** 58.69	29 Copper **Cu** 63.55	30 Zinc **Zn** 65.41	31 Gallium **Ga** 69.72	32 Germanium **Ge** 72.64	33 Arsenic **As** 74.92	34 Selenium **Se** 78.96	35 Bromine **Br** 79.90	36 Krypton **Kr** 83.80
5	37 Rubidium **Rb** 85.47	38 Strontium **Sr** 87.62	39 Yttrium **Y** 88.91	40 Zirconium **Zr** 91.22	41 Niobium **Nb** 92.91	42 Molybdenum **Mo** 95.94	43 Technetium **Tc** [98]	44 Ruthenium **Ru** 101.07	45 Rhodium **Rh** 102.91	46 Palladium **Pd** 106.42	47 Silver **Ag** 107.87	48 Cadmium **Cd** 112.41	49 Indium **In** 114.82	50 Tin **Sn** 118.71	51 Antimony **Sb** 121.76	52 Tellurium **Te** 127.60	53 Iodine **I** 126.90	54 Xenon **Xe** 131.29
6	55 Cesium **Cs** 132.91	56 Barium **Ba** 137.33	57–71 *	72 Hafnium **Hf** 178.49	73 Tantalum **Ta** 180.95	74 Tungsten **W** 183.84	75 Rhenium **Re** 186.21	76 Osmium **Os** 190.23	77 Iridium **Ir** 192.22	78 Platinum **Pt** 195.08	79 Gold **Au** 196.97	80 Mercury **Hg** 200.59	81 Thallium **Tl** 204.38	82 Lead **Pb** 207.2	83 Bismuth **Bi** 208.98	84 Polonium **Po** [209]	85 Astatine **At** [210]	86 Radon **Rn** [222]
7	87 Francium **Fr** [223]	88 Radium **Ra** [226]	89–103 ~	104 Rutherfordium **Rf** [261]	105 Dubnium **Db** [262]	106 Seaborgium **Sg** [266]	107 Bohrium **Bh** [264]	108 Hassium **Hs** [227]	109 Meitnerium **Mt** [268]	110 Darmstadtium **Ds** [281]	111 Roentgenium **Rg** [272]							

Lanthanides *	57 Lanthanum **La** 138.91	58 Cerium **Ce** 140.12	59 Praseodymium **Pr** 140.91	60 Neodymium **Nd** 144.24	61 Promethium **Pm** [145]	62 Samarium **Sm** 150.36	63 Europium **Eu** 151.96	64 Gadolinium **Gd** 157.25	65 Terbium **Tb** 158.93	66 Dysprosium **Dy** 162.50	67 Holmium **Ho** 164.93	68 Erbium **Er** 167.26	69 Thulium **Tm** 168.26	70 Ytterbium **Yb** 173.04	71 Lutetium **Lu** 174.97
Actinides ~	89 Actinium **Ac** [227]	90 Thorium **Th** 232.04	91 Protactinium **Pa** 231.04	92 Uranium **U** 238.03	93 Neptunium **Np** [237]	94 Plutonium **Pu** [244]	95 Americium **Am** [243]	96 Curium **Cm** [247]	97 Berkelium **Bk** [247]	98 Californium **Cf** [251]	99 Einsteinium **Es** [252]	100 Fermium **Fm** [257]	101 Mendelevium **Md** [258]	102 Nobelium **No** [259]	103 Lawrencium **Lr** [262]