

The Periodic Table of Elements

The Periodic Table is a list of all the different elements. The elements are specifically arranged within the table so that they are categorised into groups that have similar properties. The elements are listed in order of their atomic number. This is the number of protons in the nucleus of each atom.



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													GROUPS					
													13	14	15	16	17	18
1 H hydrogen 1.01													5 B boron 10.81	6 C carbon 12.01	7 N nitrogen 14.01	8 O oxygen 15.99	9 F fluorine 19.00	10 Ne neon 20.18
3 Li lithium 6.94	4 Be beryllium 9.01											13 Al aluminum 26.98	14 Si silicon 28.09	15 P phosphorus 30.97	16 S sulfur 32.06	17 Cl chlorine 35.45	18 Ar argon 39.95	
													GROUPS					
11 Na sodium 22.99	12 Mg magnesium 24.31	3	4	5	6	7	8	9	10	11	12	31 Ga gallium 69.72	32 Ge germanium 72.64	33 As arsenic 74.92	34 Se selenium 78.96	35 Br bromine 79.90	36 Kr krypton 83.80	
19 K potassium 39.10	20 Ca calcium 40.08	21 Sc scandium 44.96	22 Ti titanium 47.87	23 V vanadium 50.94	24 Cr chromium 52.00	25 Mn manganese 54.94	26 Fe iron 55.85	27 Co cobalt 58.93	28 Ni nickel 58.69	29 Cu copper 63.55	30 Zn zinc 65.38	49 In indium 114.82	50 Sn tin 118.71	51 Sb antimony 121.76	52 Te tellurium 127.60	53 I iodine 126.90	54 Xe xenon 131.29	
37 Rb rubidium 85.47	38 Sr strontium 87.62	39 Y yttrium 88.91	40 Zr zirconium 91.22	41 Nb niobium 92.91	42 Mo molybdenum 95.95	43 Tc technetium [98]	44 Ru ruthenium 101.07	45 Rh rhodium 102.91	46 Pd palladium 106.42	47 Ag silver 107.87	48 Cd cadmium 112.41	81 Tl thallium 204.38	82 Pb lead 207.20	83 Bi bismuth 208.98	84 Po polonium [209]	85 At astatine [210]	86 Rn radon [222]	
55 Cs cesium 132.91	56 Ba barium 137.33	57 La* lanthanum 138.91	72 Hf hafnium 178.49	73 Ta tantalum 180.95	74 W tungsten 183.84	75 Re rhenium 186.21	76 Os osmium 190.23	77 Ir iridium 192.22	78 Pt platinum 195.08	79 Au gold 196.97	80 Hg mercury 200.59							
87 Fr francium [223]	88 Ra radium [226]	89 Ac* actinium [227]	104 Rf rutherfordium [267]	105 Db dubnium [262]	106 Sg seaborgium [269]	107 Bh bohrium [264]	108 Hs hassium [269]	109 Mt meitnerium [278]	110 Ds darmstadtium [281]	111 Rg roentgenium [282]	112 Cn copernicium [285]							

* The lanthanides and actinides have been omitted (atomic numbers 58-71 and 90-103)
[] Denotes radioactive elements

