

## Periodic Table of the Chemical Elements - Part I

In order to arrange chemical elements in a tabular way, Dimitri Mendeleev, a Russian chemist developed the Periodic Table of Chemical Elements. In 1869, Mendeleev wanted to show the periodic properties of the chemical elements. Since then, the layout of the table has been revised and improved over the years.

Periodic Table of the Elements																
	1	2	3													
1	1 H															
2	3 Li	4 Be														
3	11 Na	12 Mg														
4	19 K	20 Ca	21 Sc													
5	37 Rb	38 Sr	39 Y													
6	55 Cs	56 Ba	57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb
7	87 Fr	88 Ra	89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No

Nonmetals	Alkali metals	Alkaline earth metals	Transition metals	Lanthanides
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## Periodic Table of the Chemical Elements - Part II

There are several different layouts for the table, but the most common forms are still pretty similar to the original. New discovered elements have also been added to the table.

Periodic Table of the Elements															
	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
															2 He
										5 B	6 C	7 N	8 O	9 F	10 Ne
										13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
	40 Zr	41 nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
71 Lu	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
103 Lr	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Uub	113 Uut	114 Uuq	115 Uup	116 Uuh	117 Uus	118 Uuo
Actinides			Poor metals				Metalloids			Halogens			Noble gases		