

The Periodic Table of Elements

1		2												3	4	5	6	7	0																
1+		2+		Key										3+		-3		-2		-1		4													
1		2		relative atomic mass										3		4		5		6		7		8											
H		He		atomic symbol										B		C		N		O		F		Ne											
hydrogen		helium		atomic number (proton) number										boron		carbon		nitrogen		oxygen		fluorine		neon											
3		4												5		6		7		8		9		10											
Li		Be												Al		Si		P		S		Cl		Ar											
lithium		beryllium												aluminium		silicon		phosphorus		sulfur		chlorine		argon											
11		12												13		14		15		16		17		18											
23		24												27		28		31		32		35.5		40											
Na		Mg												Al		Si		P		S		Cl		Ar											
sodium		magnesium												aluminium		silicon		phosphorus		sulfur		chlorine		argon											
11		12												13		14		15		16		17		18											
39		40		45		48		51		52		55		56		59		59		63.5		65		70		73		75		79		80		84	
K		Ca		Sc		Ti		V		Cr		Mn		Fe		Co		Ni		Cu		Zn		Ga		Ge		As		Se		Br		Kr	
potassium		calcium		scandium		titanium		vanadium		chromium		manganese		iron		cobalt		nickel		copper		zinc		gallium		germanium		arsenic		selenium		bromine		krypton	
19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36	
85		88		89		91		93		96		[98]		101		103		106		108		112		115		119		122		128		127		131	
Rb		Sr		Y		Zr		Nb		Mo		Tc		Ru		Rh		Pd		Ag		Cd		In		Sn		Sb		Te		I		Xe	
rubidium		strontium		yttrium		zirconium		niobium		molybdenum		technetium		ruthenium		rhodium		palladium		silver		cadmium		indium		tin		antimony		tellurium		iodine		xenon	
37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54	
133		137		139		178		181		184		186		190		192		195		197		201		204		207		209		[209]		[210]		[222]	
Cs		Ba		La*		Hf		Ta		W		Re		Os		Ir		Pt		Au		Hg		Tl		Pb		Bi		Po		At		Rn	
caesium		barium		lanthanum		hafnium		tantalum		tungsten		rhenium		osmium		iridium		platinum		gold		mercury		thallium		lead		bismuth		polonium		astatine		radon	
55		56		57		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86	
[223]		[226]		[227]		[261]		[262]		[266]		[264]		[277]		[268]		[271]		[272]		[285]		[286]		[289]		[289]		[293]		[294]		[294]	
Fr		Ra		Ac*		Rf		Db		Sg		Bh		Hs		Mt		Ds		Rg		Cn		Nh		Fl		Mc		Lv		Ts		Og	
francium		radium		actinium		rutherfordium		dubnium		seaborgium		bohrium		hassium		meitnerium		darmstadtium		roentgenium		copernicium		nihonium		flerovium		moscovium		livermorium		tennessine		oganesson	
87		88		89		104		105		106		107		108		109		110		111		112		113		114		115		116		117		118	

* The Lanthanides (atomic numbers 58 – 71) and the Actinides (atomic numbers 90 – 103) have been omitted.

Relative atomic masses for **Cu** and **Cl** have not been rounded to the nearest whole number.