

## The Periodic Table of Elements

1	2											3	4	5	6	7	0
		Key					1 H hydrogen 1										4 He helium 2
7 Li	9 <b>Be</b>		relative atomic mass atomic symbol									11 <b>B</b>	12 <b>C</b>	14 <b>N</b>	16 <b>O</b>	19 <b>F</b>	20 <b>Ne</b>
lithium 3	beryllium 4	atomic (proton) number				r						boron 5	carbon 6	nitrogen <b>7</b>	oxygen 8	fluorine 9	neon 10
23 Na sodium 11	24 Mg magnesium 12					_						27 Al aluminium 13	28 Si silicon 14	31 P phosphorus 15	32 <b>S</b> sulfur 16	35.5 CI chlorine 17	40 Ar argon 18
39 <b>K</b>	40 Ca	45 Sc scandium	48 <b>Ti</b> titanium	51 V	52 Cr	55 <b>Mn</b>	56 <b>Fe</b>	59 Co	59 <b>Ni</b>	63.5 <b>Cu</b>	65 <b>Zn</b> zinc	70 <b>Ga</b>	73 <b>Ge</b>	75 As	79 <b>Se</b>	80 Br	84 <b>Kr</b>
19	20	21	22	23	24	manganese 25	26	27	28	copper 29	30	31	32	33	34	35	krypton 36
85 <b>Rb</b>	88 <b>S</b> r	89 <b>Y</b>	91 <b>Zr</b>	93 <b>Nb</b>	96 <b>Mo</b>	[97] <b>Tc</b>	101 <b>Ru</b>	103 <b>Rh</b>	106 <b>Pd</b>	108 <b>Ag</b>	112 <b>Cd</b>	115 <b>In</b>	119 <b>Sn</b>	122 <b>Sb</b>	128 <b>Te</b>	127 <b>I</b>	131 <b>Xe</b>
rubidium 37	strontium 38	yttrium 39	zirconium 40	niobium 41	molybdenum 42	technetium 43	ruthenium 44	rhodium 45	palladium 46	silver 47	cadmium 48	indium 49	tin 50	antimony 51	tellurium 52	iodine 53	xenon 54
133 <b>Cs</b>	137 <b>Ba</b>	139 <b>La</b> *	178 <b>Hf</b>	181 <b>Ta</b>	184 <b>W</b>	186 <b>Re</b>	190 <b>Os</b>	192 <b>Ir</b>	195 <b>Pt</b>	197 <b>Au</b>	201 <b>Hg</b>	204 <b>TI</b>	207 <b>Pb</b>	209 <b>Bi</b>	[209] <b>Po</b>	[210] <b>At</b>	[222] <b>Rn</b>
caesium 55	barium 56	lanthanum 57	hafnium 72	tantalum 73	tungsten 74	rhenium 75	osmium 76	iridium 77	platinum 78	gold <b>79</b>	mercury 80	thallium 81	lead 82	bismuth 83	polonium 84	astatine 85	radon 86
[223] <b>Fr</b>	[226] <b>Ra</b>	[227] <b>Ac</b> *	[267] <b>Rf</b>	[270] <b>Db</b>	[269] <b>Sg</b>	[270] <b>Bh</b>	[270] <b>Hs</b>	[278] <b>Mt</b>	[281] <b>Ds</b>	[281] <b>Rg</b>	[285] <b>Cn</b>	[286] <b>Nh</b>	[289] <b>FI</b>	[289] <b>Mc</b>	[293] <b>Lv</b>	[293] <b>Ts</b>	[294] <b>Og</b>
francium 87	radium 88	actinium 89	rutherfordium 104	dubnium 105	seaborgium 106	bohrium 107	hassium 108	meitnerium 109	darmstadtium 110	_	copernicium 112	nihonium 113	flerovium 114	moscovium 115	livermorium 116	tennessine 117	oganesson 118

<sup>\*</sup> 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.