

### Basic SI Units

Basic physical quantity	SI unit	Symbol
length	metre	m
mass	kilogram	kg
time	second	s
electric current	ampere	A
thermodynamic temperature	kelvin	K
amount of substance	mole	mol
luminous intensity	candela	cd

### The chemical elements

Each of the chemical elements is represented by a letter or combination of letters, consisting of the initial or an abbreviation of the English or Latin name of the element.

symbol	name	atomic number	symbol	name	atomic number	symbol	name	atomic number
Ac	actinium	89	Ge	germanium	32	Pm	promethium	61
Ag	silver ( <i>L argentum</i> )	47	H	hydrogen	1	Po	polonium	84
Al	aluminium	13	He	helium	2	Pr	praseodymium	59
Am	americium	95	Hf	hafnium	72	Pt	platinum	78
Ar	argon	18	Hg	mercury ( <i>L hydrargyrum</i> )	80	Pu	plutonium	94
As	arsenic	33	Ho	holmium	67	Ra	radium	88
At	astatine	85	I	iodine	53	Rb	rubidium	37
Au	gold ( <i>L aurum</i> )	79	In	indium	49	Re	rhenium	75
B	boron	5	Ir	iridium	77	Rh	rhodium	45
Ba	barium	56	K	potassium ( <i>L kalium</i> )	19	Rn	radon	86
Be	beryllium	4	Kr	krypton	36	Ru	ruthenium	44
Bi	bismuth	83	La	lanthanum	57	S	sulphur	16
Bk	berkelium	97	Li	lithium	3	Sb	antimony ( <i>L stibium</i> )	51
Br	bromine	35	Lu	lutetium	71	Sc	scandium	21
C	carbon	6	Lw	lawrencium	103	Se	selenium	34
Ca	calcium	20	Md	mendelevium	101	Si	silicon	14
Cd	cadmium	48	Mg	magnesium	12	Sm	samarium	62
Ce	cerium	58	Mn	manganese	25	Sn	tin ( <i>L stannum</i> )	50
Cf	californium	98	Mo	molybdenum	42	Sr	strontium	38
Cl	chlorine	17	N	nitrogen	7	Ta	tantalum	73
Cm	curium	96	Na	sodium ( <i>L natrium</i> )	11	Tb	terbium	65
Co	cobalt	27	Nb	niobium	41	Tc	technetium	43
Cr	chromium	24	Nd	neodymium	60	Te	tellurium	52
Cs	caesium	55	Ne	neon	10	Th	thorium	90
Cu	copper ( <i>L cuprum</i> )	29	Ni	nickel	28	Ti	titanium	22
Dy	dysprosium	66	No	nobelium	102	Tl	thallium	81
Er	erbium	68	Np	neptunium	93	Tm	thulium	69
Es	einsteinium	99	O	oxygen	8	U	uranium	92
Eu	europium	63	Os	osmium	76	V	vanadium	23
F	fluorine	9	P	phosphorus	15	W	tungsten ( <i>G Wolfram</i> )	74
Fe	iron ( <i>L ferrum</i> )	26	Pa	protactinium	91	Xe	xenon	54
Fm	fermium	100	Pb	lead ( <i>L plumbum</i> )	82	Y	yttrium	39
Fr	francium	87	Pd	palladium	46	Yb	ytterbium	70
Ga	gallium	31				Zn	zinc	30
Gd	gadolinium	64				Zr	zirconium	40