

**Table I** Names, symbols and atomic numbers of the elements (see also Section IR-3.1)

<i>Name</i>	<i>Symbol</i>	<i>Atomic number</i>	<i>Name</i>	<i>Symbol</i>	<i>Atomic number</i>
actinium	Ac	89	germanium	Ge	32
aluminium <sup>a</sup>	Al	13	gold	Au <sup>e</sup>	79
americium	Am	95	hafnium	Hf	72
antimony	Sb <sup>b</sup>	51	hassium	Hs	108
argon	Ar	18	helium	He	2
arsenic	As	33	holmium	Ho	67
astatine	At	85	hydrogen	H <sup>f</sup>	1
barium	Ba	56	indium	In	49
berkelium	Bk	97	iodine	I	53
beryllium	Be	4	iridium	Ir	77
bismuth	Bi	83	iron	Fe <sup>g</sup>	26
bohrium	Bh	107	krypton	Kr	36
boron	B	5	lanthanum	La	57
bromine	Br	35	lawrencium	Lr	103
cadmium	Cd	48	lead	Pb <sup>h</sup>	82
caesium <sup>c</sup>	Cs	55	lithium	Li	3
calcium	Ca	20	lutetium	Lu	71
californium	Cf	98	magnesium	Mg	12
carbon	C	6	manganese	Mn	25
cerium	Ce	58	meitnerium	Mt	109
chlorine	Cl	17	mendelevium	Md	101
chromium	Cr	24	mercury	Hg <sup>i</sup>	80
cobalt	Co	27	molybdenum	Mo	42
copper	Cu <sup>d</sup>	29	neodymium	Nd	60
curium	Cm	96	neon	Ne	10
darmstadtium	Ds	110	neptunium	Np	93
dubnium	Db	105	nickel	Ni	28
dysprosium	Dy	66	niobium	Nb	41
einsteinium	Es	99	nitrogen <sup>j</sup>	N	7
erbium	Er	68	nobelium	No	102
europium	Eu	63	osmium	Os	76
fermium	Fm	100	oxygen	O	8
fluorine	F	9	palladium	Pd	46
francium	Fr	87	phosphorus	P	15
gadolinium	Gd	64	platinum	Pt	78
gallium	Ga	31	plutonium	Pu	94

<i>Name</i>	<i>Symbol</i>	<i>Atomic number</i>	<i>Name</i>	<i>Symbol</i>	<i>Atomic number</i>
polonium	Po	84	strontium	Sr	38
potassium	K <sup>k</sup>	19	sulfur <sup>n</sup>	S	16
praseodymium	Pr	59	tantalum	Ta	73
promethium	Pm	61	technetium	Tc	43
protactinium	Pa	91	tellurium	Te	52
radium	Ra	88	terbium	Tb	65
radon	Rn	86	thallium	Tl	81
rhenium	Re	75	thorium	Th	90
rhodium	Rh	45	thulium	Tm	69
rubidium	Rb	37	tin	Sn <sup>o</sup>	50
ruthenium	Ru	44	titanium	Ti	22
rutherfordium	Rf	104	tungsten	W <sup>p</sup>	74
samarium	Sm	62	uranium	U	92
scandium	Sc	21	vanadium	V	23
seaborgium	Sg	106	xenon	Xe	54
selenium	Se	34	ytterbium	Yb	70
silicon	Si	14	yttrium	Y	39
silver	Ag <sup>l</sup>	47	zinc	Zn	30
sodium	Na <sup>m</sup>	11	zirconium	Zr	40

<sup>a</sup> The alternative spelling 'aluminum' is commonly used. <sup>b</sup> The element symbol Sb derives from the name stibium.

<sup>c</sup> The alternative spelling 'cesium' is commonly used. <sup>d</sup> The element symbol Cu derives from the name cuprum. <sup>e</sup>

The element symbol Au derives from the name aurum. <sup>f</sup> The hydrogen isotopes <sup>2</sup>H and <sup>3</sup>H are named deuterium and tritium, respectively, for which the symbols D and T may be used. However, <sup>2</sup>H and <sup>3</sup>H are preferred (see

Section IR-3.3.2). <sup>g</sup> The element symbol Fe derives from the name ferrum. <sup>h</sup> The element symbol Pb derives from the name plumbum. <sup>i</sup> The element symbol Hg derives from the name hydrargyrum. <sup>j</sup> The name azote provides the

root 'az' for nitrogen. <sup>k</sup> The element symbol derives K from the name kalium. <sup>l</sup> The element symbol Ag derives

from the name argentum. <sup>m</sup> The element symbol Na derives from the name natrium. <sup>n</sup> The name theion provides

the root 'thi' for sulfur. <sup>o</sup> The element symbol Sn derives from the name stannum. <sup>p</sup> The element symbol W

derives from the name wolfram.