

# The periodic table of the elements

1

2

3

4

5

6

7

0

1

H

hydrogen

1

Key

relative atomic mass

atomic symbol

name

atomic (proton) number

7

Li

lithium

3

23

Na

sodium

11

39

K

potassium

19

85

Rb

rubidium

37

133

Cs

caesium

55

9

Be

beryllium

4

24

Mg

magnesium

12

40

Ca

calcium

20

88

Sr

strontium

38

137

Ba

barium

56

45

Sc

scandium

21

48

Ti

titanium

22

51

V

vanadium

23

52

Cr

chromium

24

55

Mn

manganese

25

56

Fe

iron

26

59

Co

cobalt

27

59

Ni

nickel

28

63.5

Cu

copper

29

65

Zn

zinc

30

70

Ga

gallium

31

73

Ge

germanium

32

75

As

arsenic

33

79

Se

selenium

34

80

Br

bromine

35

84

Kr

krypton

36

31

B

boron

5

27

Al

aluminium

13

70

Ga

gallium

31

115

In

indium

49

12

C

carbon

6

28

Si

silicon

14

73

Ge

germanium

32

119

Sn

tin

50

14

N

nitrogen

7

31

P

phosphorus

15

75

As

arsenic

33

122

Sb

antimony

51

16

O

oxygen

8

32

S

sulfur

16

79

Se

selenium

34

128

Te

tellurium

52

19

F

fluorine

9

35.5

Cl

chlorine

17

80

Br

bromine

35

127

I

iodine

53

20

Ne

neon

10

40

Ar

argon

18

131

Xe

xenon

54

[222]

Rn

radon

86

178

Hf

hafnium

72

181

Ta

tantalum

73

184

W

tungsten

74

186

Re

rhenium

75

190

Os

osmium

76

192

Ir

iridium

77

195

Pt

platinum

78

197

Au

gold

79

201

Hg

mercury

80

204

Tl

thallium

81

207

Pb

lead

82

209

Bi

bismuth

83

[209]

Po

polonium

84

[210]

At

astatine

85

*\* The elements with atomic numbers from 58 to 71 are omitted from this part of the periodic table.*

***The relative atomic masses of copper and chlorine have not been rounded to the nearest whole number.***