

# The periodic table of the elements

1

2

3

4

5

6

7

0

1

H

hydrogen

1

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

relative atomic mass

atomic symbol

name

atomic (proton) number

45

Sc

scandium

21

89

Y

yttrium

39

139

La\*

lanthanum

57

48

Ti

titanium

22

91

Zr

zirconium

40

178

Hf

hafnium

72

51

V

vanadium

23

93

Nb

niobium

41

181

Ta

tantalum

73

52

Cr

chromium

24

96

Mo

molybdenum

42

184

W

tungsten

74

55

Mn

manganese

25

[98]

Tc

technetium

43

186

Re

rhenium

75

56

Fe

iron

26

101

Ru

ruthenium

44

190

Os

osmium

76

59

Co

cobalt

27

103

Rh

rhodium

45

192

Ir

iridium

77

59

Ni

nickel

28

106

Pd

palladium

46

195

Pt

platinum

78

63.5

Cu

copper

29

108

Ag

silver

47

197

Au

gold

79

65

Zn

zinc

30

112

Cd

cadmium

48

201

Hg

mercury

80

70

Ga

gallium

31

115

In

indium

49

204

Tl

thallium

81

73

Ge

germanium

32

119

Sn

tin

50

207

Pb

lead

82

75

As

arsenic

33

122

Sb

antimony

51

209

Bi

bismuth

83

79

Se

selenium

34

128

Te

tellurium

52

[209]

Po

polonium

84

80

Br

bromine

35

127

I

iodine

53

[210]

At

astatine

85

84

Kr

krypton

36

131

Xe

xenon

54

[222]

Rn

radon

86

\* 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.***