

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

[223]

Fr

francium

87

9

Be

beryllium

4

24

Mg

magnesium

12

40

Ca

calcium

20

88

Sr

strontium

38

137

Ba

barium

56

[226]

Ra

radium

88

relative atomic mass

atomic symbol

name

atomic (proton) number

11

B

boron

5

27

Al

aluminium

13

70

Ga

gallium

31

115

In

indium

49

204

Tl

thallium

81

12

C

carbon

6

28

Si

silicon

14

73

Ge

germanium

32

119

Sn

tin

50

207

Pb

lead

82

14

N

nitrogen

7

31

P

phosphorus

15

75

As

arsenic

33

122

Sb

antimony

51

209

Bi

bismuth

83

16

O

oxygen

8

32

S

sulfur

16

79

Se

selenium

34

128

Te

tellurium

52

[209]

Po

polonium

84

19

F

fluorine

9

35.5

Cl

chlorine

17

80

Br

bromine

35

127

I

iodine

53

[210]

At

astatine

85

20

Ne

neon

10

40

Ar

argon

18

84

Kr

krypton

36

131

Xe

xenon

54

[222]

Rn

radon

86

Elements with atomic numbers 112–116 have been reported but not fully authenticated

[261]

Rf

rutherfordium

104

[262]

Db

dubnium

105

[266]

Sg

seaborgium

106

[264]

Bh

bohrium

107

[277]

Hs

hassium

108

[268]

Mt

meitnerium

109

[271]

Ds

darmstadtium

110

[272]

Rg

roentgenium

111

** The lanthanoids (atomic numbers 58–71) and the actinoids (atomic numbers 90–103) have been omitted.*

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