

1 IA

2 IIA

13 IIIA

14 IVA

15 VA

16 VIA

17 VIIA

18 VIIIA

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

1.0079

H

Hydrogen

1s¹

6.941

Li

Lithium

2s¹

9.0122

Be

Beryllium

2s²

22.990

Na

Sodium

3s¹

24.305

Mg

Magnesium

3s²

39.098

K

Potassium

4s¹

40.078

Ca

Calcium

4s²

85.468

Rb

Rubidium

5s¹

87.62

Sr

Strontium

5s²

132.91

Cs

Cæsium

6s¹

137.33

Ba

Barium

6s²

223

Fr

Francium

7s¹

226

Ra

Radium

7s²

1.0079

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137.33

Ba

Barium

6s²

223

Fr

Francium

7s¹

226

Ra

Radium

7s²

44.956

Sc

Scandium

3d¹4s²

47.867

Ti

Titanium

3d²4s²

50.942

V

Vanadium

3d³4s²

51.996

Cr

Chromium

3d⁵4s¹

54.938

Mn

Manganese

3d⁵4s²

55.845

Fe

Iron

3d⁶4s²

58.933

Co

Cobalt

3d⁷4s²

58.693

Ni

Nickel

3d⁸4s²

63.546

Cu

Copper

3d¹⁰4s¹

65.39

Zn

Zinc

3d¹⁰4s²

69.723

Ga

Gallium

3d¹⁰4s²4p¹

72.64

Ge

Germanium

3d¹⁰4s²4p²

74.922

As

Arsenic

3d¹⁰4s²4p³

78.96

Se

Selenium

3d¹⁰4s²4p⁴

79.904

Br

Bromine

3d¹⁰4s²4p⁵

83.8

Kr

Krypton

3d¹⁰4s²4p⁶

88.906

Y

Yttrium

4d¹5s²

91.224

Zr

Zirconium

4d²5s²

92.906

Nb

Niobium

4d⁴5s²

95.94

Mo

Molybdenum

4d⁵5s¹

96

Tc

Technetium

4d⁵5s²

101.07

Ru

Ruthenium

4d⁷5s¹

102.91

Rh

Rhodium

4d⁸5s¹

106.42

Pd

Palladium

4d¹⁰

107.87

Ag

Silver

4d¹⁰5s¹

112.41

Cd

Cadmium

4d¹⁰5s²

114.82

In

Indium

4d¹⁰5s²5p¹

118.71

Sn

Tin

4d¹⁰5s²5p²

121.76

Sb

Antimony

4d¹⁰5s²5p³

127.6

Te

Tellurium

4d¹⁰5s²5p⁴

126.9

I

Iodine

4d¹⁰5s²5p⁵

131.29

Xe

Xenon

4d¹⁰5s²5p⁶

178.49

Hf

Hafnium

4f¹⁴5d²6s²

180.95

Ta

Tantalum

4f¹⁴5d³6s²

183.84

W

Tungsten

4f¹⁴5d⁴6s²

186.21

Re

Rhenium

4f¹⁴5d⁵6s²

190.23

Os

Osmium

4f¹⁴5d⁶6s²

192.22

Ir

Iridium

4f¹⁴5d⁷6s²

195.08

Pt

Platinum

4f¹⁴5d⁹6s¹

196.97

Au

Gold

4f¹⁴5d¹⁰6s¹

200.59

Hg

Mercury

4f¹⁴5d¹⁰6s²

204.38

Tl

Thallium

4f¹⁴5d¹⁰6s²6p¹

207.2

Pb

Lead

4f¹⁴5d¹⁰6s²6p²

208.98

Bi

Bismuth

4f¹⁴5d¹⁰6s²6p³

209

Po

Polonium

4f¹⁴5d¹⁰6s²6p⁴

210

At

Astatine

4f¹⁴5d¹⁰6s²6p⁵

222

Rn

Radon

4f¹⁴5d¹⁰6s²6p⁶

261

Rf

Rutherfordium

5f¹⁴6d²7s²

262

Db

Dubnium

5f¹⁴6d³7s²

266

Sg

Seaborgium

5f¹⁴6d⁴7s²

264

Bh

Bohrium

5f¹⁴6d⁵7s²

277

Hs

Hassium

5f¹⁴6d⁶7s²

268

Mt

Meitnerium

5f¹⁴6d⁷7s²

281

Ds

Darmstadtium

5f¹⁴6d⁹7s²

280

Rg

Roentgenium

5f¹⁴6d¹⁰7s²

285

Cn

Copernicium

5f¹⁴6d¹⁰7s²

284

Uut

Ununtrium

5f¹⁴6d¹⁰7s²7p¹

289

Fl

Flerovium

5f¹⁴6d¹⁰7s²7p²

288

Uup

Ununpentium

5f¹⁴6d¹⁰7s²7p³

293

Lv

Livermorium

5f¹⁴6d¹⁰7s²7p⁴

292

Uus

Ununseptium

5f¹⁴6d¹⁰7s²7p⁵

294

Uuo

Ununoctium

5f¹⁴6d¹⁰7s²7p⁶

138.91

La

Lanthanum

4d¹5s²

140.12

Ce

Cerium

4f¹5d¹

140.91

Pr

Praseodymium

4f³6s²

144.24

Nd

Neodymium

4f⁴6s²

145

Pm

Promethium

4f⁵6s²

150.36

Sm

Samarium

4f⁶6s²

151.96

Eu

Europium

4f⁷6s²

157.25

Gd

Gadolinium

4f⁷5d¹6s²

158.93

Tb

Terbium

4f⁹6s²

162.50

Dy

Dysprosium

4f¹⁰6s²

164.93

Ho

Holmium

4f¹¹6s²

167.26

Er

Erbium

4f¹²6s²

168.93

Tm

Thulium

4f¹³6s²

173.04

Yb

Ytterbium

4f¹⁴6s²

174.97

Lu

Lutetium

6s²4f¹⁴5d¹

227

Ac

Actinium

6d¹7s²

232.04

Th

Thorium

6d²7s²

231.04

Pa

Protactinium

5f²6d¹7s²

238.03

U

Uranium

5f³6d¹7s²

237

Np

Neptunium

5f⁴6d¹7s²

244

Pu

Plutonium

5f⁶7s²

243

Am

Americium

5f⁷7s²

247

Cm

Curium

5f⁷6d¹7s²

247

Bk

Berkelium

5f⁹7s²

251

Cf

Californium

5f¹⁰7s²

252

Es

Einsteinium

5f¹¹7s²

257

Fm

Fermium

5f¹²7s²

258

Md

Mendelevium

5f¹³7s²

259

No

Nobelium

5f¹⁴7s²

262

Lr

Lawrencium

5f¹⁴7s²7p¹

Z

Masse

Symbole

Nom

Configuration

138.91

La

Lanthanum

4d¹5s²

140.12

Ce

Cerium

4f¹5d¹

140.91

Pr

Praseodymium

4f³6s²

144.24

Nd

Neodymium

4f⁴6s²

145

Pm

Promethium

4f⁵6s²

150.36

Sm

Samarium

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151.96

Eu

Europium

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157.25

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232.04

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Thorium

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231.04

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Protactinium

5f²6d¹7s²

238.03

U

Uranium

5f³6d¹7s²

237

Np

Neptunium

5f⁴6d¹7s²

244

Pu

Plutonium

5f⁶7s²

243

Am

Americium

5f⁷7s²

247

Cm

Curium

5f⁷6d¹7s²

247

Bk

Berkelium

5f⁹7s²

251

Cf

Californium

5f¹⁰7s²

252

Es

Einsteinium

5f¹¹7s²

257

Fm

Fermium

5f¹²7s²

258

Md

Mendelevium

5f¹³7s²

259

No

Nobelium

5f¹⁴7s²

262

Lr

Lawrencium

5f¹⁴7s²7p¹