

GROUP

1

IA

1

1.0079

H

HYDROGEN

2

IIA

3

6.941

Li

LITHIUM

4

9.0122

Be

BERYLLIUM

11

22.990

Na

SODIUM

12

24.305

Mg

MAGNESIUM

19

39.098

K

POTASSIUM

20

40.078

Ca

CALCIUM

37

85.468

Rb

RUBIDIUM

38

87.62

Sr

STRONTIUM

55

132.91

Cs

CAESIUM

87

(223)

Fr

FRANCIUM

2

4.0026

He

HELIUM

9

18.998

F

FLUORINE

10

20.180

Ne

NEON

17

35.453

Cl

CHLORINE

18

39.948

Ar

ARGON

35

79.904

Br

BROMINE

36

83.798

Kr

KRYPTON

53

126.90

I

IODINE

54

131.29

Xe

XENON

85

(210)

At

ASTATINE

86

(222)

Rn

RADON

13

10.811

B

BORON

14

12.011

C

CARBON

15

14.007

N

NITROGEN

16

15.999

O

OXYGEN

5

10.811

B

BORON

6

12.011

C

CARBON

7

14.007

N

NITROGEN

8

15.999

O

OXYGEN

13

26.982

Al

ALUMINIUM

14

28.086

Si

SILICON

15

30.974

P

PHOSPHORUS

16

32.065

S

SULPHUR

31

69.723

Ga

GALLIUM

32

72.64

Ge

GERMANIUM

33

74.922

As

ARSENIC

34

78.96

Se

SELENIUM

49

114.82

In

INDIUM

50

118.71

Sn

TIN

51

121.76

Sb

ANTIMONY

52

127.60

Te

TELLURIUM

81

204.38

Tl

THALLIUM

82

207.2

Pb

LEAD

83

208.98

Bi

BISMUTH

113

(...)

Uut

UNUNTRIUM

114

(287)

Fl

FLEROVIUM

115

(...)

Uup

UNUNPENTIUM

116

(291)

Lv

LIVERMORIUM

117

(...)

Uus

UNUNSEPTIUM

118

(...)

Uuo

UNUNOCTIUM

21

44.956

Sc

SCANDIUM

22

47.867

Ti

TITANIUM

23

50.942

V

VANADIUM

24

51.996

Cr

CHROMIUM

25

54.938

Mn

MANGANESE

26

55.845

Fe

IRON

27

58.933

Co

COBALT

28

58.693

Ni

NICKEL

29

63.546

Cu

COPPER

30

65.38

Zn

ZINC

41

92.906

Nb

NIOBIUM

42

95.96

Mo

MOLYBDENUM

43

(98)

Tc

TECHNETIUM

44

101.07

Ru

RUTHENIUM

45

102.91

Rh

RHODIUM

46

106.42

Pd

PALLADIUM

47

107.87

Ag

SILVER

48

112.41

Cd

CADMIUM

72

178.49

Hf

HAFNIUM

73

180.95

Ta

TANTALUM

74

183.84

W

TUNGSTEN

75

186.21

Re

RHENIUM

76

190.23

Os

OSMIUM

77

192.22

Ir

IRIDIUM

78

195.08

Pt

PLATINUM

79

196.97

Au

GOLD

80

200.59

Hg

MERCURY

104

(267)

Rf

RUTHERFORDIUM

105

(268)

Db

DUBNIUM

106

(271)

Sg

SEABORGIUM

107

(272)

Bh

BOHRNIUM

108

(277)

Hs

HASSIUM

109

(276)

Mt

MEITNERIUM

110

(281)

Ds

DARMSTADIUM

111

(280)

Rg

ROENTGENIUM

112

(285)

Cn

COPERNICIUM

113

(...)

Uut

UNUNTRIUM

114

(287)

Fl

FLEROVIUM

115

(...)

Uup

UNUNPENTIUM

116

(291)

Lv

LIVERMORIUM

117

(...)

Uus

UNUNSEPTIUM

118

(...)

Uuo

UNUNOCTIUM

39

88.906

Y

YTTORIUM

40

91.224

Zr

ZIRCONIUM

41

92.906

Nb

NIOBIUM

42

95.96

Mo

MOLYBDENUM

43

(98)

Tc

TECHNETIUM

44

101.07

Ru

RUTHENIUM

45

102.91

Rh

RHODIUM

46

106.42

Pd

PALLADIUM

47

107.87

Ag

SILVER

48

112.41

Cd

CADMIUM

57-71

La-Lu

Lanthanide

72

178.49

Hf

HAFNIUM

73

180.95

Ta

TANTALUM

74

183.84

W

TUNGSTEN

75

186.21

Re

RHENIUM

76

190.23

Os

OSMIUM

77

192.22

Ir

IRIDIUM

78

195.08

Pt

PLATINUM

79

196.97

Au

GOLD

80

200.59

Hg

MERCURY

81

204.38

Tl

THALLIUM

82

207.2

Pb

LEAD

83

208.98

Bi

BISMUTH

84

(209)

Po

POLONIUM

85

(210)

At

ASTATINE

86

(222)

Rn

RADON

89-103

Ac-Lr

Actinide

104

(267)

Rf

RUTHERFORDIUM

105

(268)

Db

DUBNIUM

106

(271)

Sg

SEABORGIUM

107

(272)

Bh

BOHRNIUM

108

(277)

Hs

HASSIUM

109

(276)

Mt

MEITNERIUM

110

(281)

Ds

DARMSTADIUM

111

(280)

Rg

ROENTGENIUM

112

(285)

Cn

COPERNICIUM

113

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UNUNTRIUM

114

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FLEROVIUM

115

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UNUNPENTIUM

116

(291)

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LIVERMORIUM

117

(...)

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UNUNSEPTIUM

118

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Uuo

UNUNOCTIUM

91

231.04

Pa

PROTACTINIUM

92

238.03

U

URANIUM

93

(237)

Np

NEPTUNIUM

94

(244)

Pu

PLUTONIUM

95

(243)

Am

AMERICIUM

96

(247)

Cm

CURIUM

97

(247)

Bk

BERKELIUM

98

(251)

Cf

CALIFORNIUM

99

(252)

Es

EINSTEINIUM

100

(257)

Fm

FERMIUM

101

(258)

Md

MENDELEVIUM

102

(259)

No

NOBELIUM

103

(262)

Lr

LAWRENCIUM

13

10.811

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BORON

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12.011

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CARBON

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14.007

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NITROGEN

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OXYGEN

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BORON

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CARBON

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NITROGEN

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OXYGEN

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ALUMINIUM

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28.086

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SILICON

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PHOSPHORUS

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GALLIUM

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GERMANIUM

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ARSENIC

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BISMUTH

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