

GROUP

1

PERIOD
1

1

H

Hydrogen
1.008

2



Alkali Metals



Non-metals



Halogens



Transition Metals



Noble Gases



Other Metals



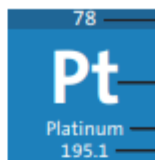
Lanthanides



Metalloids



Actinides



Atomic Number

Symbol

Name

Average Atomic Mass

2

Li

Lithium
6.94

Be

Beryllium
9.012

3

Na

Sodium
22.99

Mg

Magnesium
24.31

4

K

Potassium
39.10

Ca

Calcium
40.08

3

Sc

Scandium
44.96

4

Ti

Titanium
47.88

5

V

Vanadium
50.94

6

Cr

Chromium
52.00

7

Mn

Manganese
54.94

8

Fe

Iron
55.85

9

Co

Cobalt
58.93

10

Ni

Nickel
58.69

11

Cu

Copper
63.55

12

Zn

Zinc
65.39

5

Rb

Rubidium
85.47

Sr

Strontium
87.62

Y

Yttrium
88.91

Zr

Zirconium
91.22

Nb

Niobium
92.91

Mo

Molybdenum
95.96

Tc

Technetium
[98]

Ru

Ruthenium
101.1

Rh

Rhodium
102.9

Pd

Palladium
106.4

Ag

Silver
107.9

Cd

Cadmium
112.4

6

Cs

Caesium
132.9

Ba

Barium
137.3

57-71

Lanthanides

Hf

Hafnium
178.5

Ta

Tantalum
180.9

W

Tungsten
183.9

Re

Rhenium
186.2

Os

Osmium
190.2

Ir

Iridium
192.2

Pt

Platinum
195.1

Au

Gold
197.0

Hg

Mercury
200.5

7

Fr

Francium
[223]

Ra

Radium
[226]

89-103

Actinides

Rf

Rutherfordium
[261]

Db

Dubnium
[268]

Sg

Seaborgium
[271]

Bh

Bohrium
[270]

Hs

Hassium
[277]

Mt

Meitnerium
[276]

Ds

Darmstadtium
[281]

Rg

Roentgenium
[280]

Cn

Copernicium
[285]

57

La

Lanthanum
138.9

58

Ce

Cerium
140.1

59

Pr

Praseodymium
140.9

60

Nd

Neodymium
144.2

61

Pm

Promethium
[145]

62

Sm

Samarium
150.4

63

Eu

Europium
152.0

64

Gd

Gadolinium
157.2

65

Tb

Terbium
158.9

66

Dy

Dysprosium
162.5

89

Ac

Actinium
[227]

90

Th

Thorium
232.0

91

Pa

Protactinium
231.0

92

U

Uranium
238.0

93

Np

Neptunium
[237]

94

Pu

Plutonium
[244]

95

Am

Americium
[243]

96

Cm

Curium
[247]

97

Bk

Berkelium
[247]

98

Cf

Californium
[251]