

# Periodic Table of Elements

Group

1

1A

1  
**H**  
Hydrogen  
1.008

2  
**He**  
Helium  
4.003

3  
**Li**  
Lithium  
6.941

4  
**Be**  
Beryllium  
9.012

11  
**Na**  
Sodium  
22.990

12  
**Mg**  
Magnesium  
24.305

19  
**K**  
Potassium  
39.098

20  
**Ca**  
Calcium  
40.078

37  
**Rb**  
Rubidium  
85.468

38  
**Sr**  
Strontium  
87.62

55  
**Cs**  
Cesium  
132.905

56  
**Ba**  
Barium  
137.327

87  
**Fr**  
Francium  
[223]

88  
**Ra**  
Radium  
[226]

80	Atomic number
<b>Hg</b>	Element symbol
Mercury	Element name
200.592	Atomic weight

3

3B

21  
**Sc**  
Scandium  
44.956

39  
**Y**  
Yttrium  
88.906

71  
**Lu**  
Lutetium  
174.967

103  
**Lr**  
Lawrencium  
[262]

4

4B

22  
**Ti**  
Titanium  
47.867

40  
**Zr**  
Zirconium  
91.224

72  
**Hf**  
Hafnium  
178.49

104  
**Rf**  
Rutherfordium  
[267]

5

5B

23  
**V**  
Vanadium  
50.942

41  
**Nb**  
Niobium  
92.906

73  
**Ta**  
Tantalum  
180.948

105  
**Db**  
Dubnium  
[270]

6

6B

24  
**Cr**  
Chromium  
51.996

42  
**Mo**  
Molybdenum  
95.95

74  
**W**  
Tungsten  
183.84

106  
**Sg**  
Seaborgium  
[269]

7

7B

25  
**Mn**  
Manganese  
54.938

43  
**Tc**  
Technetium  
[97]

75  
**Re**  
Rhenium  
186.207

107  
**Bh**  
Bohrium  
[270]

8

8B

26  
**Fe**  
Iron  
55.845

44  
**Ru**  
Ruthenium  
101.07

76  
**Os**  
Osmium  
190.23

108  
**Hs**  
Hassium  
[270]

9

8B

27  
**Co**  
Cobalt  
58.933

45  
**Rh**  
Rhodium  
102.906

77  
**Ir**  
Iridium  
192.217

109  
**Mt**  
Meitnerium  
[278]

10

8B

28  
**Ni**  
Nickel  
58.693

46  
**Pd**  
Palladium  
106.42

78  
**Pt**  
Platinum  
195.084

110  
**Ds**  
Darmstadtium  
[281]

11

1B

29  
**Cu**  
Copper  
63.546

47  
**Ag**  
Silver  
107.868

79  
**Au**  
Gold  
196.967

111  
**Rg**  
Roentgenium  
[281]

12

2B

30  
**Zn**  
Zinc  
65.38

48  
**Cd**  
Cadmium  
112.414

80  
**Hg**  
Mercury  
200.592

112  
**Cn**  
Copernicium  
[285]

13

3A

13  
**Al**  
Aluminum  
26.982

31  
**Ga**  
Gallium  
69.723

49  
**In**  
Indium  
114.818

81  
**Tl**  
Thallium  
204.383

113  
**Nh**  
Nihonium  
[286]

14

4A

14  
**Si**  
Silicon  
28.085

32  
**Ge**  
Germanium  
72.630

50  
**Sn**  
Tin  
118.710

82  
**Pb**  
Lead  
207.2

114  
**Fl**  
Flerovium  
[289]

15

5A

15  
**N**  
Nitrogen  
14.007

33  
**As**  
Arsenic  
74.922

51  
**Sb**  
Antimony  
121.760

83  
**Bi**  
Bismuth  
208.980

115  
**Mc**  
Moscovium  
[289]

16

6A

16  
**O**  
Oxygen  
15.999

34  
**Se**  
Selenium  
78.97

52  
**Te**  
Tellurium  
127.60

84  
**Po**  
Polonium  
[209]

116  
**Lv**  
Livermorium  
[293]

17

7A

17  
**F**  
Fluorine  
18.998

35  
**Br**  
Bromine  
79.904

53  
**I**  
Iodine  
126.904

85  
**At**  
Astatine  
[210]

117  
**Ts**  
Tennessine  
[293]

18

8A

18  
**Ar**  
Argon  
39.948

36  
**Kr**  
Krypton  
83.798

54  
**Xe**  
Xenon  
131.293

86  
**Rn**  
Radon  
[222]

118  
**Og**  
Oganesson  
[294]

\*Lanthanide series

\*\*Actinide series

57 <b>La</b> Lanthanum 138.905	58 <b>Ce</b> Cerium 140.116	59 <b>Pr</b> Praseodymium 140.908	60 <b>Nd</b> Neodymium 144.242	61 <b>Pm</b> Promethium [145]	62 <b>Sm</b> Samarium 150.36	63 <b>Eu</b> Europium 151.964	64 <b>Gd</b> Gadolinium 157.25	65 <b>Tb</b> Terbium 158.925	66 <b>Dy</b> Dysprosium 162.500	67 <b>Ho</b> Holmium 164.930	68 <b>Er</b> Erbium 167.259	69 <b>Tm</b> Thulium 168.934	70 <b>Yb</b> Ytterbium 173.045
89 <b>Ac</b> Actinium [227]	90 <b>Th</b> Thorium 232.038	91 <b>Pa</b> Protactinium 231.036	92 <b>U</b> Uranium 238.029	93 <b>Np</b> Neptunium [237]	94 <b>Pu</b> Plutonium [244]	95 <b>Am</b> Americium [243]	96 <b>Cm</b> Curium [247]	97 <b>Bk</b> Berkelium [247]	98 <b>Cf</b> Californium [251]	99 <b>Es</b> Einsteinium [252]	100 <b>Fm</b> Fermium [257]	101 <b>Md</b> Mendelevium [258]	102 <b>No</b> Nobelium [259]