
(Set A)

Hydrogen

H

Element Weight: 1

State at Room Temperature: **Gas**

Valence: **1**

Reactivity: **Highly flammable**

(Set A)

Helium

He

Element Weight: 4

State at Room Temperature: **Gas**

Valence: **0**

Reactivity: **Non-reactive**

(Set A)

Lithium

Li

Element Weight: 7

State at Room Temperature: **Solid**

Valence: **1**

Reactivity: **Reacts violently with water**

(Set A)

Beryllium

Be

Element Weight: 9

State at Room Temperature: **Solid**

Valence: **2**

Reactivity: **Reacts with oxygen to form solids that melt at very high temperatures**

(Set A)

Boron

B

Element Weight: 11

State at Room Temperature: **Solid**

Valence: **3**

Reactivity:

(Set A)

Carbon

C

Element Weight: 12

State at Room Temperature: **Solid**

Valence: **4**

Reactivity:

(Set A)

Nitrogen

N

Element Weight: 14

State at Room Temperature: **Gas**

Valence: **3**

Reactivity:

(Set A)

Oxygen

O

Element Weight: 16

State at Room Temperature: **Gas**

Valence: **2**

Reactivity:

(Set A)

Fluorine

F

Element Weight: 19

State at Room Temperature: **Gas**

Valence: **1**

Reactivity: **Reacts with metals to form salts**

(Set)

Neon

Ne

Element Weight: 20

State at Room Temperature: **Gas**

Valence: **0**

Reactivity: **Non-reactive**

(Set A)

Sodium

Na

Element Weight: 23

State at Room Temperature: **Solid**

Valence: **1**

Reactivity: **Reacts violently with water**

(Set A)

Magnesium

Mg

Element Weight: 24

State at Room Temperature: **Solid**

Valence: **2**

Reactivity: **Reacts with oxygen to form solids that melt at very high temperatures**

(Set A)

Aluminum

Al

Element Weight: 27

State at Room Temperature: **Solid**

Valence: **3**

Reactivity:

(Set A)

Silicon

Si

Element Weight: 28

State at Room Temperature: **Solid**

Valence: **4**

Reactivity:

(Set A)

Phosphorus

P

Element Weight: 31

State at Room Temperature: **Solid**

Valence: **3**

Reactivity:

(Set A)

Sulfur

S

Element Weight: 32

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set A)

Chlorine

Cl

Element Weight: 35

State at Room Temperature: **Gas**

Valence: **1**

Reactivity: **Reacts with metals to form salts**

(Set A)

Potassium

K

Element Weight: 39

State at Room Temperature: **Solid**

Valence: **1**

Reactivity: **Reacts violently with water**

(Set A)

Calcium

Ca

Element Weight: 40

State at Room Temperature: **Solid**

Valence: **2**

Reactivity: **Reacts with oxygen to form solids that melt at very high temperatures**

(Set C)

Argon

Ar

Element Weight: 40

State at Room Temperature: **Gas**

Valence: **0**

Reactivity: **Non-reactive**

(Set C)

Unknown 1

Unknown 1

Element Weight: 45

State at Room Temperature: **Unknown**

Valence: **Unknown**

Reactivity:

(Set B)

Titanium

Ti

Element Weight: 48

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Vanadium

V

Element Weight: 51

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Chromium

Cr

Element Weight: 52

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Manganese

Mn

Element Weight: 55

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Iron

Fe

Element Weight: 56

State at Room Temperature: **Solid**

Valence: **2**

Reactivity: **Produces gold colored flame
when burned**

(Set B)

Cobalt

Co

Element Weight: 59

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Copper

Cu

Element Weight: 64

State at Room Temperature: **Solid**

Valence: **2**

Reactivity: **Produces blue-green colored
flame when burned**

(Set B)

Zinc

Zn

Element Weight: 65

State at Room Temperature: **Solid**

Valence: **2**

Reactivity: **Produces bluish-green flame
when burned**

(Set C)

Unknown 2

Unknown 2

Element Weight: 70

State at Room Temperature: **Unknown**

Valence: **Unknown**

Reactivity:

(Set C)

Unknown 3

Unknown 3

Element Weight: 73

State at Room Temperature: **Unknown**

Valence: **Unknown**

Reactivity:

(Set A)

Arsenic

As

Element Weight: 75

State at Room Temperature: **Solid**

Valence: **3**

Reactivity:

(Set A)

Selenium

Se

Element Weight: 79

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set A)

Bromine

Br

Element Weight: 80

State at Room Temperature: **Liquid**

Valence: **1**

Reactivity: **Reacts with metals to form salts**

(Set C)

Krypton

Kr

Element Weight: 84

State at Room Temperature: **Gas**

Valence: **0**

Reactivity: **Non-reactive**

(Set A)

Rubidium

Rb

Element Weight: 85

State at Room Temperature: **Solid**

Valence: **1**

Reactivity: **Reacts violently with water**

(Set A)

Strontium

Sr

Element Weight: 88

State at Room Temperature: **Solid**

Valence: **2**

Reactivity: **Reacts with oxygen to form solids that melt at very high temperatures**

(Set B)

Niobium

Nb

Element Weight: 93

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Yttrium

Y

Element Weight: 89

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Molybdenum

Mo

Element Weight: 96

State at Room Temperature: **Solid**

Valence: **2**

Reactivity: **Produces yellowish-green flame when burned**

(Set B)

Zirconium

Zr

Element Weight: 91

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Palladium

Pd

Element Weight: 106

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Silver

Ag

Element Weight: 108

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Cadmium

Cd

Element Weight: 112

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set A)

Indium

In

Element Weight: 115

State at Room Temperature: **Solid**

Valence: **3**

Reactivity:

(Set C)

Uranium

U

Element Weight: 238

State at Room Temperature: **Solid**

Valence:

Reactivity:

(Set A)

Tin

Sn

Element Weight: 119

State at Room Temperature: **Solid**

Valence: **4**

Reactivity:

(Set A)

Antimony

Sb

Element Weight: 122

State at Room Temperature: **Solid**

Valence: **3**

Reactivity:

(Set A)

Tellurium

Te

Element Weight: 128

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set A)

Iodine

I

Element Weight: 127

State at Room Temperature: **Liquid**

Valence: **1**

Reactivity: **Reacts with metals to form salts**

(Set C)

Xenon

Xe

Element Weight: 131

State at Room Temperature: **Gas**

Valence: **0**

Reactivity: **Non-reactive**

(Set A)

Cesium

Cs

Element Weight: 133

State at Room Temperature: **Solid**

Valence: **1**

Reactivity: **Reacts violently with water**

(Set A)

Barium

Ba

Element Weight: 137

State at Room Temperature: **Solid**

Valence: **2**

Reactivity: **Reacts with oxygen to form solids that melt at very high temperatures**

(Set B)

Tantalum

Ta

Element Weight: 181

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Tungsten

W

Element Weight: 183

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Osmium

Os

Element Weight: 190

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Iridium

Ir

Element Weight: 192

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Platinum

Pt

Element Weight: 195

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Gold

Au

Element Weight: 197

State at Room Temperature: **Solid**

Valence: **2**

Reactivity:

(Set B)

Mercury

Hg

Element Weight: 201

State at Room Temperature: **Liquid**

Valence: **2**

Reactivity:

(Set A)

Thallium

Tl

Element Weight: 204

State at Room Temperature: **Solid**

Valence: **3**

Reactivity:

(Set A)

Lead

Pb

Element Weight: 207

State at Room Temperature: **Solid**

Valence: **4**

Reactivity:

(Set A)

Bismuth

Bi

Element Weight: 209

State at Room Temperature: **Solid**

Valence: **3**

Reactivity:

(Set C)

Radon

Rn

Element Weight: 222

State at Room Temperature: **Gas**

Valence: **0**

Reactivity: **Non-reactive**

(Set A)

Francium

Fr

Element Weight: 223

State at Room Temperature: **Solid**

Valence: **1**

Reactivity:

(Set)

Element Weight:

State at Room Temperature:

Valence:

Reactivity: