Periodic Table

Hydrogen

Symbol: H

Atomic Number: 1

Atomic Weight: 1.008

Category: Nonmetal

Helium

Symbol: He

Atomic Number: 2

Atomic Weight: 4.002602

Category: Noble Gases

Lithium

Symbol: Li

Atomic Number: 3

Atomic Weight: 6.94

Category: Alkali metal

Beryllium

Symbol: Be

Atomic Number: 4

Atomic Weight: 9.0122

Category: Alkaline earth metal

Boron

Symbol: B

Atomic Number: 5

Atomic Weight: 10.81

Category: Metalloid

Carbon

Symbol: C

Atomic Number: 6

Atomic Weight: 12.01

Category: Nonmetal

Nitrogen

Symbol: N

Atomic Number: 7

Atomic Weight: 14.007

Category: Nonmetal

Oxygen

Symbol: O

Atomic Number: 8

Atomic Weight: 15.999

Category: Nonmetal

Fluorine

Symbol: F

Atomic Number: 9

Atomic Weight: 18.998403163

Category: Halogen

Neon

Symbol: Ne

Atomic Number: 10

Atomic Weight: 20.1797

Category: Noble gas

Sodium

Symbol: Na

Atomic Number: 11

Atomic Weight: 22.98976928

Category: Alkali metal

Magnesium

Symbol: Mg

Atomic Number: 12

Atomic Weight: 24.305

Category: Alkaline earth metal

Aluminum

Symbol: Al

Atomic Number: 13

Atomic Weight: 26.9815386

Category: Post-transition metal

Silicon

Symbol: Si

Atomic Number: 14

Atomic Weight: 28.085

Category: Metalloid

Phosphorus

Symbol: P

Atomic Number: 15

Atomic Weight: 30.973761998

Category: Nonmetal

Sulfur

Symbol: S

Atomic Number: 16

Atomic Weight: 32.06

Category: Nonmetal

Chlorine

Symbol: Cl

Atomic Number: 17

Atomic Weight: 35.45

Category: Halogen

Argon

Symbol: Ar

Atomic Number: 18

Atomic Weight: 39.948

Category: Noble gas

Potassium

Symbol: K

Atomic Number: 19

Atomic Weight: 39.0983

Category: Alkali metal

Calcium

Symbol: Ca

Atomic Number: 20

Atomic Weight: 40.078

Category: Alkaline earth metal

Scandium

Symbol: Sc

Atomic Number: 21

Atomic Weight: 44.955908

Category: Transition metal

Titanium

Symbol: Ti

Atomic Number: 22

Atomic Weight: 47.867

Category: Transition metal

Vanadium

Symbol: V

Atomic Number: 23

Atomic Weight: 50.9415

Category: Transition metal

Chromium

Symbol: Cr

Atomic Number: 24

Atomic Weight: 51.9961

Category: Transition metal

Manganese

Symbol: Mn

Atomic Number: 25

Atomic Weight: 54.938044

Category: Transition metal

Iron

Symbol: Fe

Atomic Number: 26

Atomic Weight: 55.845

Category: Transition metal

Cobalt

Symbol: Co

Atomic Number: 27

Atomic Weight: 58.933195

Category: Transition metal

Nickel

Symbol: Ni

Atomic Number: 28

Atomic Weight: 58.6934

Category: Transition metal

Copper

Symbol: Cu

Atomic Number: 29

Atomic Weight: 63.546

Category: Transition metal

Zinc

Symbol: Zn

Atomic Number: 30

Atomic Weight: 65.38

Category: Transition metal

Gallium

Symbol: Ga

Atomic Number: 31

Atomic Weight: 69.723

Category: Post-transition metal

Germanium

Symbol: Ge

Atomic Number: 32

Atomic Weight: 72.63

Category: Metalloid

Arsenic

Symbol: As

Atomic Number: 33

Atomic Weight: 74.921595

Category: Metalloid

Selenium

Symbol: Se

Atomic Number: 34

Atomic Weight: 78.971

Category: Nonmetal

Bromine

Symbol: Br

Atomic Number: 35

Atomic Weight: 79.904

Category: Halogen

Krypton

Symbol: Kr

Atomic Number: 36

Atomic Weight: 83.798

Category: Noble gas

Rubidium

Symbol: Rb

Atomic Number: 37

Atomic Weight: 85.4678

Category: Alkali metal

Strontium

Symbol: Sr

Atomic Number: 38

Atomic Weight: 87.62

Category: Alkaline earth metal

Yttrium

Symbol: Y

Atomic Number: 39

Atomic Weight: 88.90584

Category: Transition metal

Zirconium

Symbol: Zr

Atomic Number: 40

Atomic Weight: 91.224

Category: Transition metal

Niobium

Symbol: Nb

Atomic Number: 41

Atomic Weight: 92.90637

Category: Transition metal

Molybdenum

Symbol: Mo

Atomic Number: 42

Atomic Weight: 95.95

Category: Transition metal

Technetium

Symbol: Tc

Atomic Number: 43

Atomic Weight: 98

Category: Transition metal

Ruthenium

Symbol: Ru

Atomic Number: 44

Atomic Weight: 101.07

Category: Transition metal

Rhodium

Symbol: Rh

Atomic Number: 45

Atomic Weight: 102.9055

Category: Transition metal

Palladium

Symbol: Pd

Atomic Number: 46

Atomic Weight: 106.42

Category: Transition metal

Silver

Symbol: Ag

Atomic Number: 47

Atomic Weight: 107.8682

Category: Transition metal

Cadmium

Symbol: Cd

Atomic Number: 48

Atomic Weight: 112.414

Category: Transition metal

Indium

Symbol: In

Atomic Number: 49

Atomic Weight: 114.818

Category: Post-transition metal

Tin

Symbol: Sn

Atomic Number: 50

Atomic Weight: 118.71

Category: Post-transition metal

Antimony

Symbol: Sb

Atomic Number: 51

Atomic Weight: 121.76

Category: Metalloid

Tellurium

Symbol: Te

Atomic Number: 52

Atomic Weight: 127.6

Category: Metalloid

Iodine

Symbol: I

Atomic Number: 53

Atomic Weight: 126.90447

Category: Halogen

Xenon

Symbol: Xe

Atomic Number: 54

Atomic Weight: 131.293

Category: Noble gas

Cesium

Symbol: Cs

Atomic Number: 55

Atomic Weight: 132.90545196

Category: Alkali metal

Barium

Symbol: Ba

Atomic Number: 56

Atomic Weight: 137.327

Category: Alkaline earth metal

Lanthanum

Symbol: La

Atomic Number: 57

Atomic Weight: 138.90547

Category: Lanthanide

Cerium

Symbol: Ce

Atomic Number: 58

Atomic Weight: 140.116

Category: Lanthanide

Praseodymium

Symbol: Pr

Atomic Number: 59

Atomic Weight: 140.90766

Category: Lanthanide

Neodymium

Symbol: Nd

Atomic Number: 60

Atomic Weight: 144.242

Category: Lanthanide

Promethium

Symbol: Pm

Atomic Number: 61

Atomic Weight: 145

Category: Lanthanide

Samarium

Symbol: Sm

Atomic Number: 62

Atomic Weight: 150.36

Category: Lanthanide

Europium

Symbol: Eu

Atomic Number: 63

Atomic Weight: 151.964

Category: Lanthanide

Gadolinium

Symbol: Gd

Atomic Number: 64

Atomic Weight: 157.25

Category: Lanthanide

Terbium

Symbol: Tb

Atomic Number: 65

Atomic Weight: 158.92535

Category: Lanthanide

Dysprosium

Symbol: Dy

Atomic Number: 66

Atomic Weight: 162.5

Category: Lanthanide

Holmium

Symbol: Ho

Atomic Number: 67

Atomic Weight: 164.93033

Category: Lanthanide

Erbium

Symbol: Er

Atomic Number: 68

Atomic Weight: 167.259

Category: Lanthanide

Thulium

Symbol: Tm

Atomic Number: 69

Atomic Weight: 168.93422

Category: Lanthanide

Ytterbium

Symbol: Yb

Atomic Number: 70

Atomic Weight: 173.045

Category: Lanthanide

Lutetium

Symbol: Lu

Atomic Number: 71

Atomic Weight: 174.9668

Category: Lanthanide

Hafnium

Symbol: Hf

Atomic Number: 72

Atomic Weight: 178.49

Category: Transition metal

Tantalum

Symbol: Ta

Atomic Number: 73

Atomic Weight: 180.94788

Category: Transition metal

Tungsten

Symbol: W

Atomic Number: 74

Atomic Weight: 183.84

Category: Transition metal

Rhenium

Symbol: Re

Atomic Number: 75

Atomic Weight: 186.207

Category: Transition metal

Osmium

Symbol: Os

Atomic Number: 76

Atomic Weight: 190.23

Category: Transition metal

Iridium

Symbol: Ir

Atomic Number: 77

Atomic Weight: 192.217

Category: Transition metal

Platinum

Symbol: Pt

Atomic Number: 78

Atomic Weight: 195.084

Category: Transition metal

Gold

Symbol: Au

Atomic Number: 79

Atomic Weight: 196.966569

Category: Transition metal

Mercury

Symbol: Hg

Atomic Number: 80

Atomic Weight: 200.592

Category: Transition metal

Thallium

Symbol: Tl

Atomic Number: 81

Atomic Weight: 204.38

Category: Post-transition metal

Lead

Symbol: Pb

Atomic Number: 82

Atomic Weight: 207.2

Category: Post-transition metal

Bismuth

Symbol: Bi

Atomic Number: 83

Atomic Weight: 208.98040

Category: Post-transition metal

Polonium

Symbol: Po

Atomic Number: 84

Atomic Weight: 209

Category: Post-transition metal

Astatine

Symbol: At

Atomic Number: 85

Atomic Weight: 210

Category: Halogen

Radon

Symbol: Rn

Atomic Number: 86

Atomic Weight: 222

Category: Noble gas

Francium

Symbol: Fr

Atomic Number: 87

Atomic Weight: 223

Category: Alkali metal

Radium

Symbol: Ra

Atomic Number: 88

Atomic Weight: 226

Category: Alkaline earth metal

Actinium

Symbol: Ac

Atomic Number: 89

Atomic Weight: 227

Category: Actinide

Thorium

Symbol: Th

Atomic Number: 90

Atomic Weight: 232.0377

Category: Actinide

Protactinium

Symbol: Pa

Atomic Number: 91

Atomic Weight: 231.03588

Category: Actinide

Uranium

Symbol: U

Atomic Number: 92

Atomic Weight: 238.05078

Category: Actinide

Neptunium

Symbol: Np

Atomic Number: 93

Atomic Weight: 237

Category: Actinide

Plutonium

Symbol: Pu

Atomic Number: 94

Atomic Weight: 244

Category: Actinide

Americium

Symbol: Am

Atomic Number: 95

Atomic Weight: 243

Category: Actinide

Curium

Symbol: Cm

Atomic Number: 96

Atomic Weight: 247

Category: Actinide

Berkelium

Symbol: Bk

Atomic Number: 97

Atomic Weight: 247

Category: Actinide

Californium

Symbol: Cf

Atomic Number: 98

Atomic Weight: 251

Category: Actinide

Einsteinium

Symbol: Es

Atomic Number: 99

Atomic Weight: 252

Category: Actinide

Fermium

Symbol: Fm

Atomic Number: 100

Atomic Weight: 257

Category: Actinide

Mendelevium

Symbol: Md

Atomic Number: 101

Atomic Weight: 258

Category: Actinide

Nobelium

Symbol: No

Atomic Number: 102

Atomic Weight: 259

Category: Actinide

Lawrencium

Symbol: Lr

Atomic Number: 103

Atomic Weight: 262

Category: Actinide

Rutherfordium

Symbol: Rf

Atomic Number: 104

Atomic Weight: 267

Category: Transition metal

Dubnium

Symbol: Db

Atomic Number: 105

Atomic Weight: 270

Category: Transition metal

Seaborgium

Symbol: Sg

Atomic Number: 106

Atomic Weight: 271

Category: Transition metal

Bohrium

Symbol: Bh

Atomic Number: 107

Atomic Weight: 270

Category: Transition metal

Hassium

Symbol: Hs

Atomic Number: 108

Atomic Weight: 277

Category: Transition metal

Meitnerium

Symbol: Mt

Atomic Number: 109

Atomic Weight: 276

Category: Unknown category

Darmstadtium

Symbol: Ds

Atomic Number: 110

Atomic Weight: 281

Category: Unknown category

Roentgenium

Symbol: Rg

Atomic Number: 111

Atomic Weight: 280

Category: Unknown category

Copernicium

Symbol: Cn

Atomic Number: 112

Atomic Weight: 285

Category: Unknown category

Nihonium

Symbol: Nh

Atomic Number: 113

Atomic Weight: 286

Category: Unknown category

Flerovium

Symbol: Fl

Atomic Number: 114

Atomic Weight: 289

Category: Unknown category

Moscovium

Symbol: Mc

Atomic Number: 115

Atomic Weight: 290

Category: Unknown category

Livermorium

Symbol: Lv

Atomic Number: 116

Atomic Weight: 293

Category: Unknown category

Tennessine

Symbol: Ts

Atomic Number: 117

Atomic Weight: 294

Category: Unknown category

Oganesson

Symbol: Og

Atomic Number: 118

Atomic Weight: 294

Category: Unknown category