

**Reactive metals**

**Non-metals**  
 solid liquid gas

**Symbol**  
 Name  
 Atomic number

**H**  
 Hydrogen  
 1

**He**  
 Helium  
 2

**Li**  
 Lithium  
 3

**Be**  
 Beryllium  
 4

**B**  
 Boron  
 5

**C**  
 Carbon  
 6

**N**  
 Nitrogen  
 7

**O**  
 Oxygen  
 8

**F**  
 Fluorine  
 9

**Ne**  
 Neon  
 10

**Na**  
 Sodium  
 11

**Mg**  
 Magnesium  
 12

**Hard transition metals**

**Al**  
 Aluminium  
 13

**Si**  
 Silicon  
 14

**P**  
 Phosphorous  
 15

**S**  
 Sulphur  
 16

**Cl**  
 Chlorine  
 17

**Ar**  
 Argon  
 18

**K**  
 Potassium  
 19

**Ca**  
 Calcium  
 20

**Ti**  
 Titanium  
 22

**V**  
 Vanadium  
 23

**Cr**  
 Chromium  
 24

**Mn**  
 Manganese  
 25

**Fe**  
 Iron  
 26

**Co**  
 Cobalt  
 27

**Ni**  
 Nickel  
 28

**Cu**  
 Copper  
 29

**Zn**  
 Zinc  
 30

**As**  
 Arsenic  
 33

**Br**  
 Bromine  
 35

**Kr**  
 Krypton  
 36

**Rb**  
 Rubidium  
 37

**Sr**  
 Strontium  
 38

**Ag**  
 Silver  
 47

**Sn**  
 Tin  
 50

**I**  
 Iodine  
 53

**Xe**  
 Xenon  
 54

**Cs**  
 Caesium  
 55

**Ba**  
 Barium  
 56

**W**  
 Tungsten  
 74

**Pt**  
 Platinum  
 78

**Au**  
 Gold  
 79

**Hg**  
 Mercury  
 80

**Pb**  
 Lead  
 56

**Rn**  
 Radon  
 86

**Periodic Table of the Elements**  
 (only 50 of the c. 100 elements are shown)

# Reactive metals

## Learn the chemical symbols

# Non-metals solid liquid gas

**Symbol**  
Name  
Atomic number

Hydrogen  
1

Helium  
2

Lithium 3	Beryllium 4
Sodium 11	Magnesium 12
Potassium 19	Calcium 20
Rubidium 37	Strontium 38
Caesium 55	Barium 56

# Hard transition metals

Titanium 22	Vanadium 23	Chromium 24	Manganese 25	Iron 26	Cobalt 27	Nickel 28	Copper 29	Zinc 30
							Silver 47	
		Tungsten 74				Platinum 78	Gold 79	Mercury 80

Boron 5	Carbon 6	Nitrogen 7	Oxygen 8	Fluorine 9	Neon 10
Aluminium 13	Silicon 14	Phosphorous 15	Sulphur 16	Chlorine 17	Argon 18
		Arsenic 33		Bromine 35	Krypton 36
				Iodine 53	Xenon 54
					Radon 86

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Atomic number

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2

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Be 4

Na 11  
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Hard transition metals

B 5  
C 6  
N 7  
O 8  
F 9  
Ne 10

Al 13  
Si 14  
P 15  
S 16  
Cl 17  
Ar 18

K 19  
Ca 20

Ti 22  
V 23  
Cr 24  
Mn 25  
Fe 26  
Co 27  
Ni 28  
Cu 29  
Zn 30

As 33  
Br 35  
Kr 36

Rb 37  
Sr 38

Ag 47

Sn 50  
I 53  
Xe 54

Cs 55  
Ba 56

W 74  
Pt 78  
Au 79  
Hg 80

Pb 56  
Rn 86

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