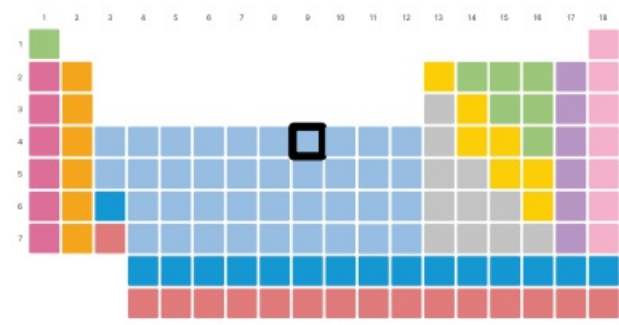


Cobalt

Transition Metal



Symbol

Co

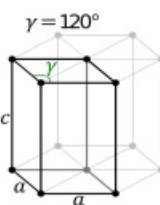
Atomic radius (pm)

152

Phase - Solid



Crystal Structure



Simple Hexagonal

Atomic number

27

Melting Point (K)

1768

History

The element Cobalt was discovered by G. Brandt in year 1735 in Sweden . Cobalt was first isolated by G. Brandt in 1735 . Cobalt derived its name from the German word Kobold, meaning 'goblin'.

Appearance

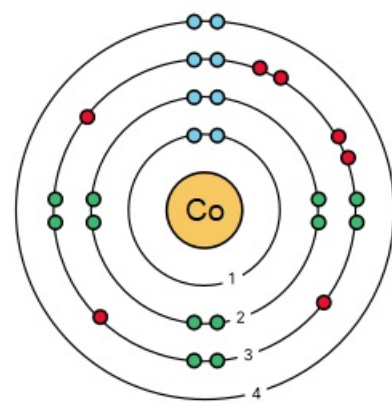
hard lustrous gray metal

Atomic weight (amu)

58.93

Boiling Point (K)

3200



s
p
d

[Ar] 3d⁷ 4s²
[2, 8, 15, 2]

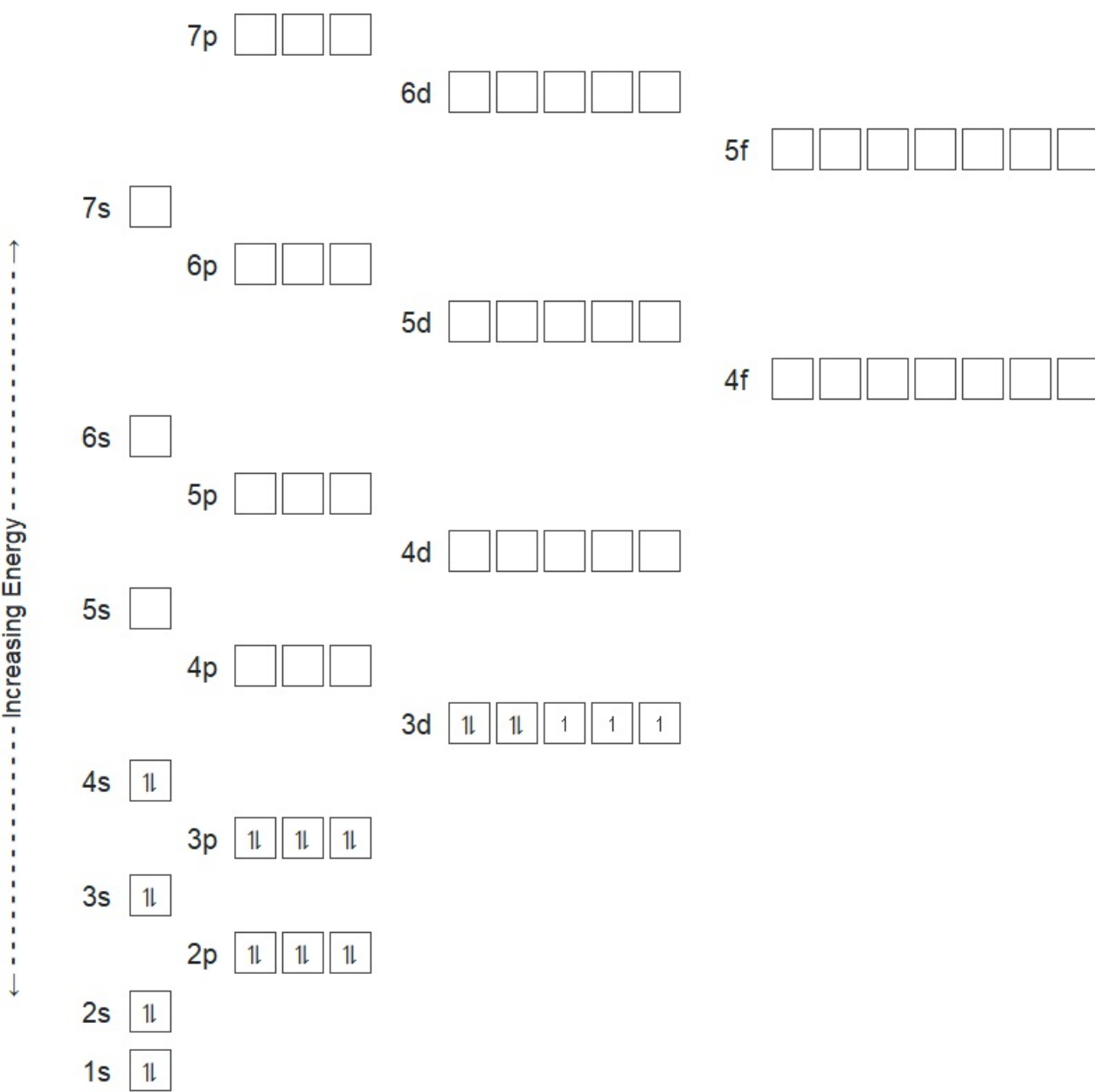
SCHOOLMYKIDS

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Cobalt

Transition Metal

Electronic Configuration



2758.9332

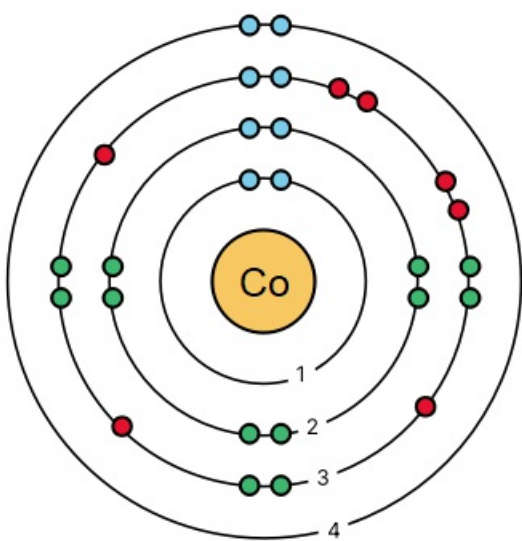
Co

Cobalt

[Ar] 3d⁷ 4s²

Solid

Simple Hexagonal



s
p
d

[Ar] 3d⁷ 4s²
[2, 8, 15, 2]

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