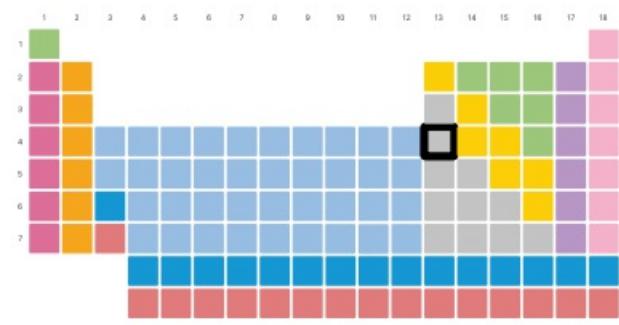


Gallium

Post Transition Metal



Symbol

Ga

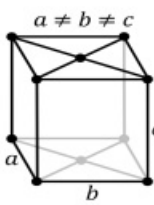
Atomic radius (pm)

136

Phase - Solid



Crystal Structure



Base Centered Orthorhombic

Atomic number

31

Melting Point (K)

302.91

History

The element Gallium was discovered by P. E. L. de Boisbaudran in year 1875 in France . Gallium was first isolated by P. E. L. de Boisbaudran in . Gallium derived its name from Gallia, the Latin name for France.

Appearance

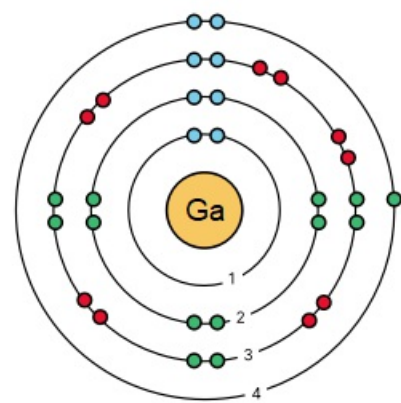
silver-white

Atomic weight (amu)

69.72

Boiling Point (K)

2477



s
p
d

[Ar] 3d¹⁰ 4s² 4p¹
[2, 8, 18, 3]

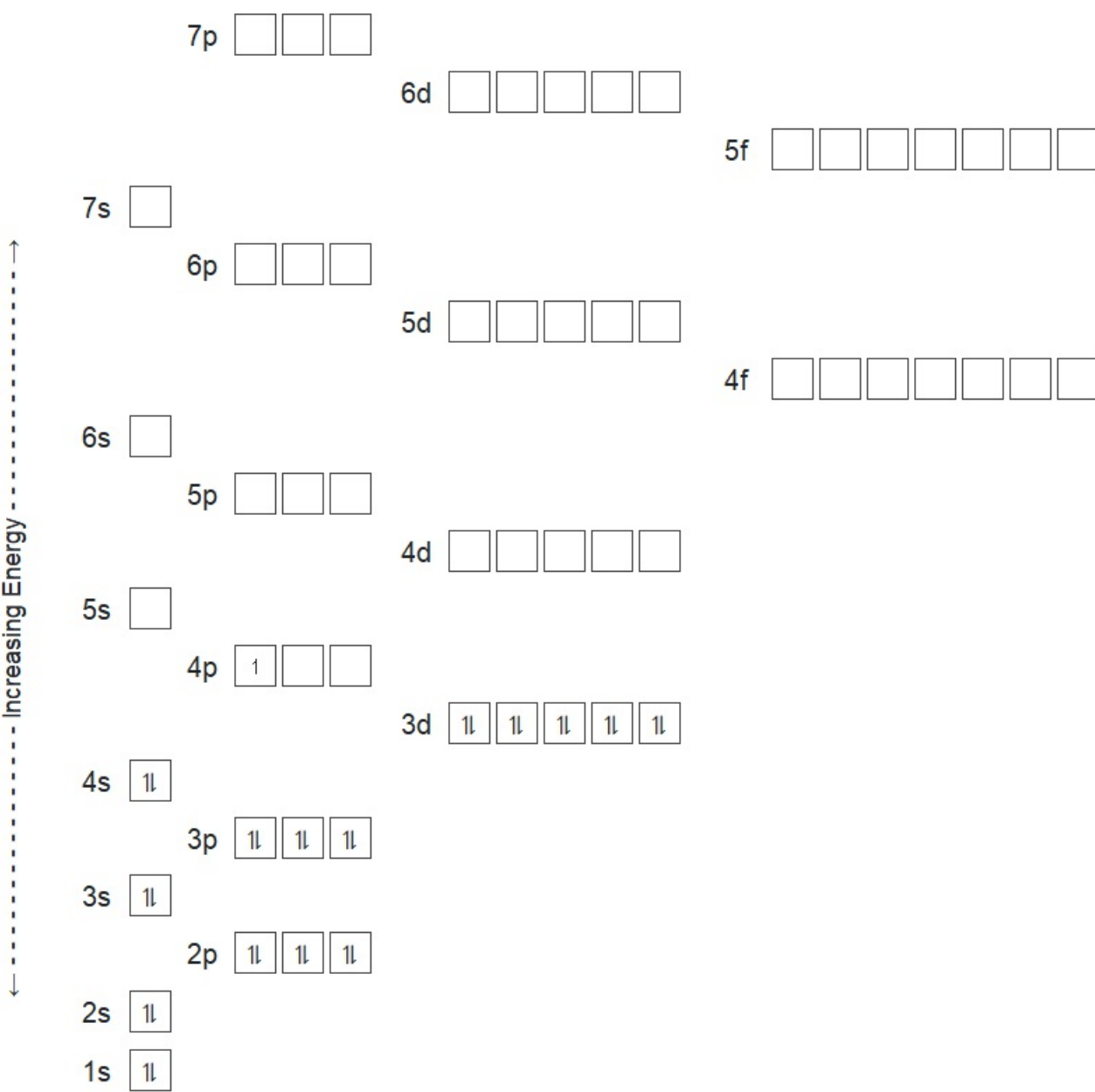
SCHOOLMYKIDS

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Gallium

Post Transition Metal

Electronic Configuration



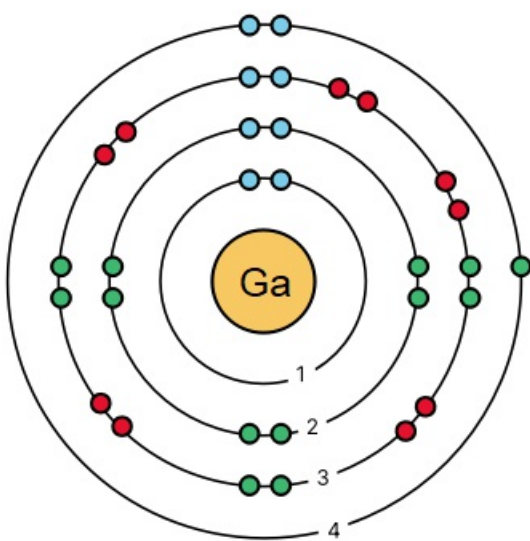
31 69.723

Ga

Gallium

Solid
Base
Centered
Orthorhombic

[Ar] 3d¹⁰ 4s² 4p¹



s
p
d

[Ar] 3d¹⁰ 4s² 4p¹
[2, 8, 18, 3]

SCHOOLMYKIDS

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