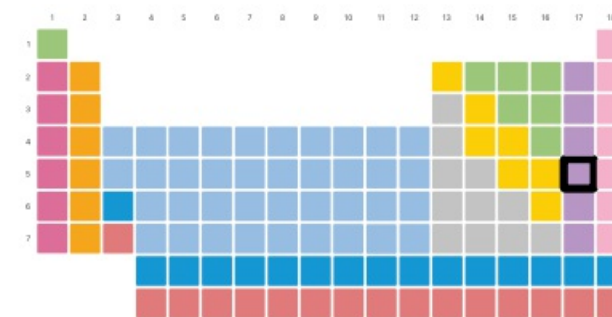


Iodine

Halogens



Symbol

I

Atomic number

53

Atomic weight (amu)

126.90

Atomic radius (pm)

115

Melting Point (K)

386.85

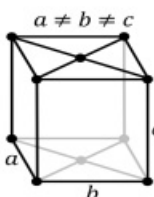
Boiling Point (K)

457.4

Phase - Solid



Crystal Structure



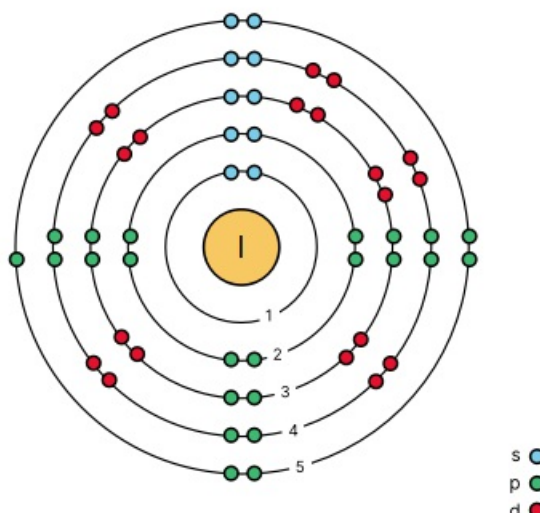
Base Centered Orthorhombic

History

The element Iodine was discovered by B. Courtois in year 1811 in France . Iodine was first isolated by B. Courtois in 1811 . Iodine derived its name from French iode (after the Greek ioeides, 'violet').

Appearance

lustrous metallic gray, violet as a gas



[Kr] 4d¹⁰ 5s² 5p⁵
[2, 8, 18, 18, 7]

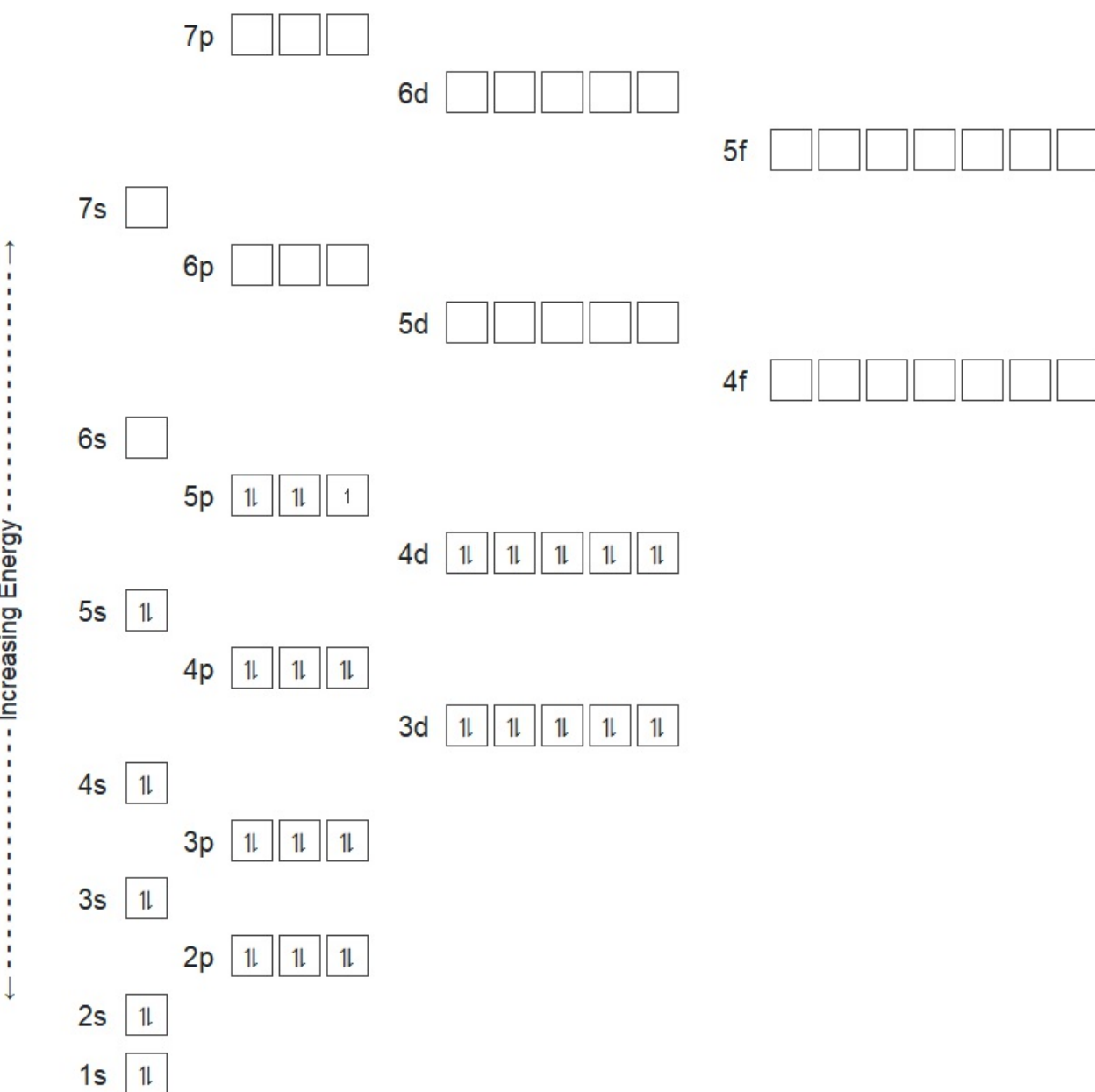
SCHOOLMYKIDS

LEARNING. REVIEWS. SCHOOLS

Iodine

Halogens

Electronic Configuration



53 126.90447

I

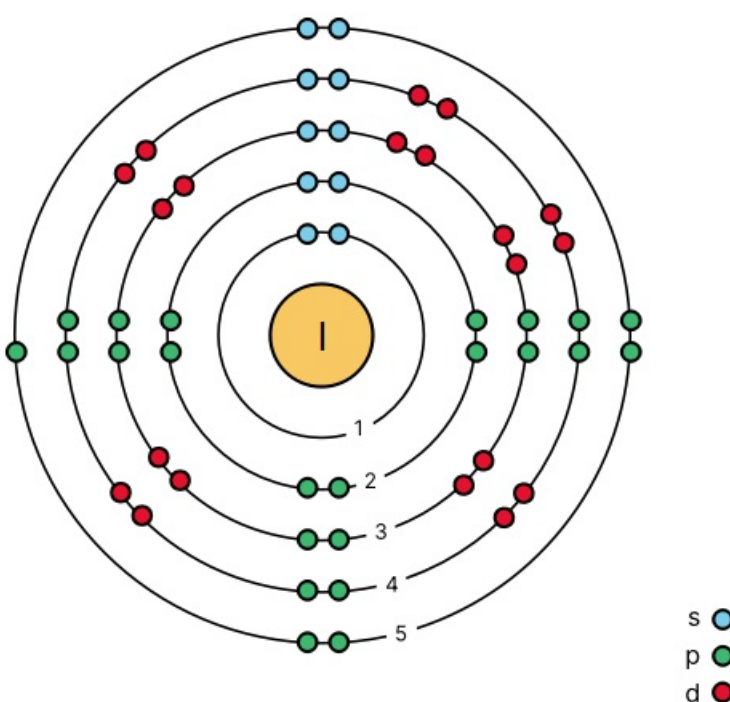
Iodine

Solid



Base Centered Orthorhombic

[Kr] 4d¹⁰ 5s² 5p⁵



[Kr] 4d¹⁰ 5s² 5p⁵
[2, 8, 18, 18, 7]

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