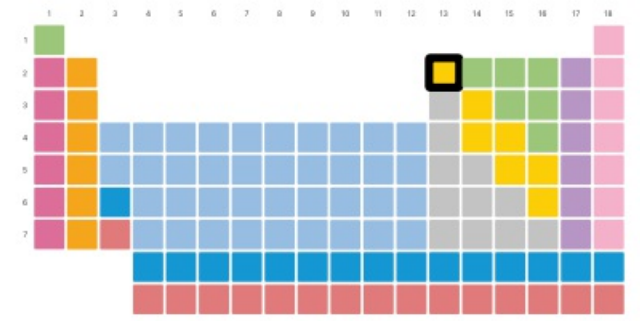


Boron

Metalloid



Symbol

B

Atomic number

5

Atomic weight (amu)

10.81

Atomic radius (pm)

87

Melting Point (K)

2348

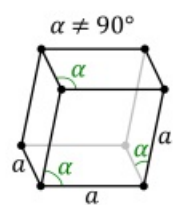
Boiling Point (K)

4273

Phase - Solid



Crystal Structure



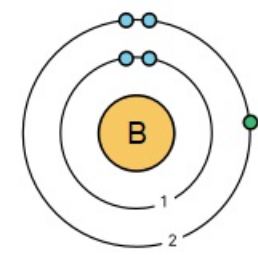
Simple Trigonal

History

The element Boron was discovered by L. Gay-Lussac and L.J. Thénard in year 1808 in France and United Kingdom . Boron was first isolated by H. Davy in 1808 . Boron derived its name from borax, a mineral.

Appearance

black-brown



s ●
p ●

[He] 2s² 2p¹
[2, 3]

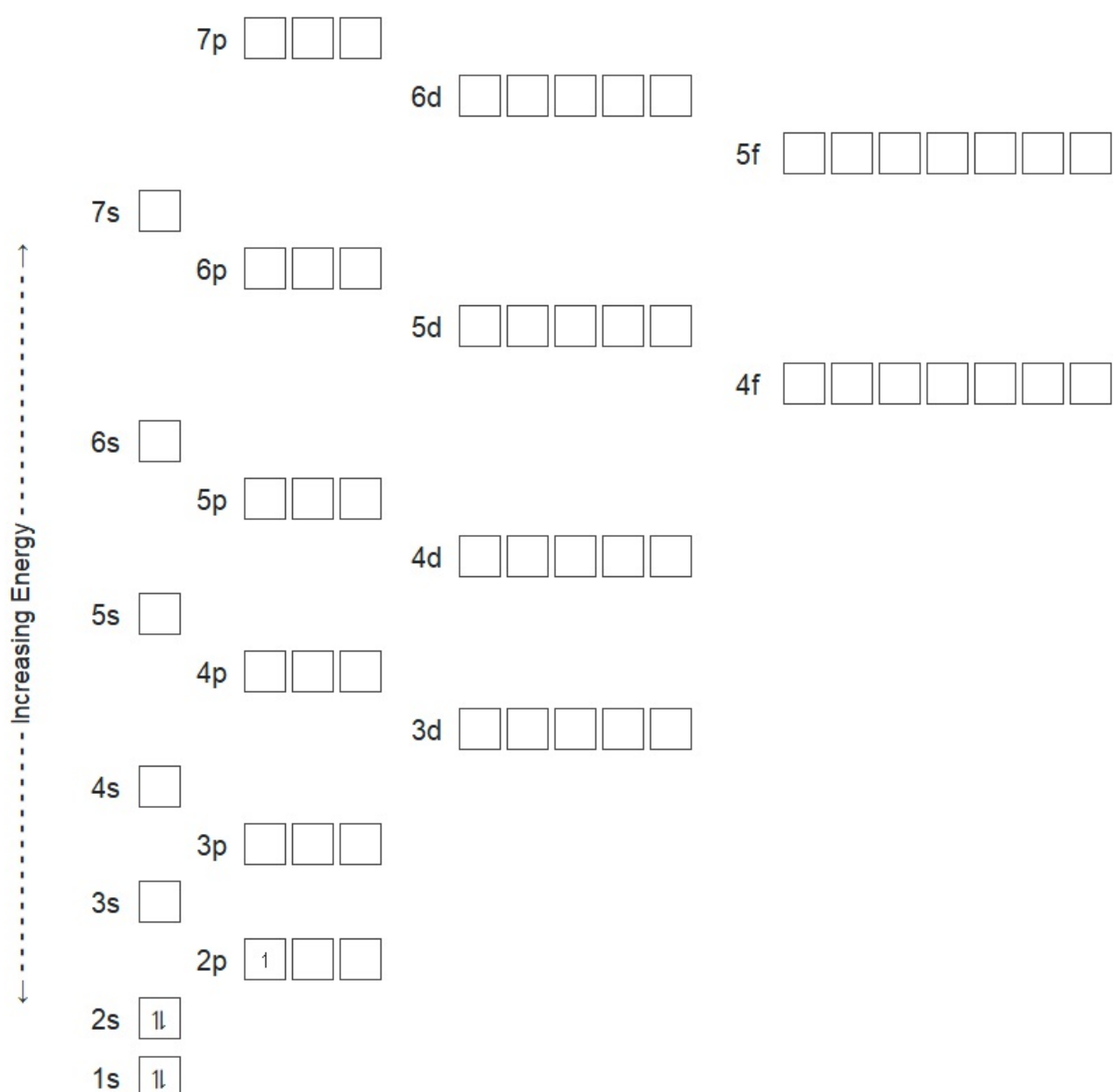
SCHOOLMYKIDS

LEARNING. REVIEWS. SCHOOLS

Boron

Metalloid

Electronic Configuration



5

10.811

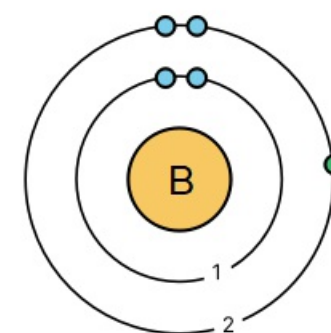
B

Boron

[He] 2s² 2p¹

Solid

Simple Trigonal



s ●
p ●

[He] 2s² 2p¹
[2, 3]

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