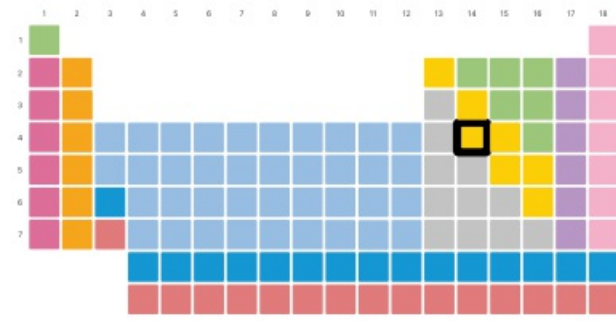


Germanium

Metalloid



Symbol

Ge

Atomic number

32

Atomic weight (amu)

72.64

Atomic radius (pm)

125

Melting Point (K)

1211.4

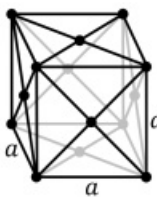
Boiling Point (K)

3093

Phase - Solid



Crystal Structure



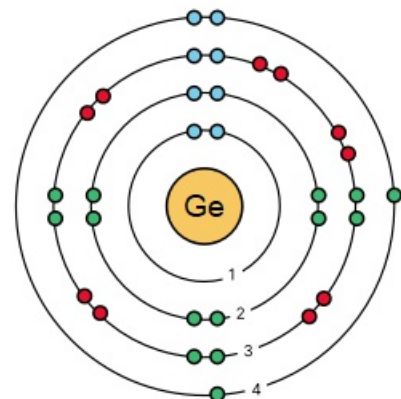
Face Centered Cubic

History

The element Germanium was discovered by C. A. Winkler in year 1886 in Germany . Germanium was first isolated by in . Germanium derived its name from Germania, the Latin name for Germany.

Appearance

grayish-white



s
p
d

[Ar] 3d¹⁰ 4s² 4p²
[2, 8, 18, 4]

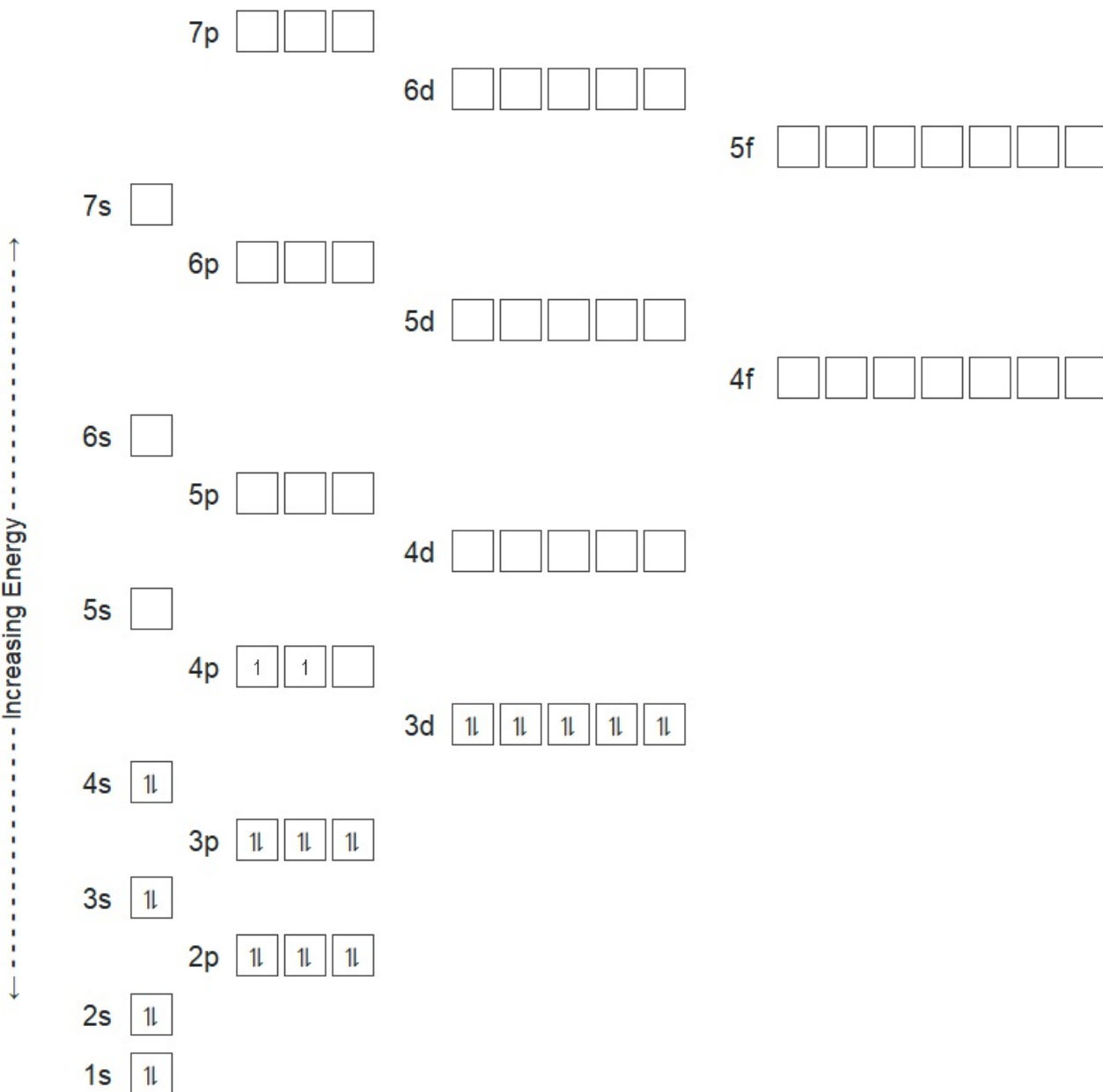
SCHOOLMYKIDS

LEARNING. REVIEWS. SCHOOLS

Germanium

Metalloid

Electronic Configuration



32

72.64

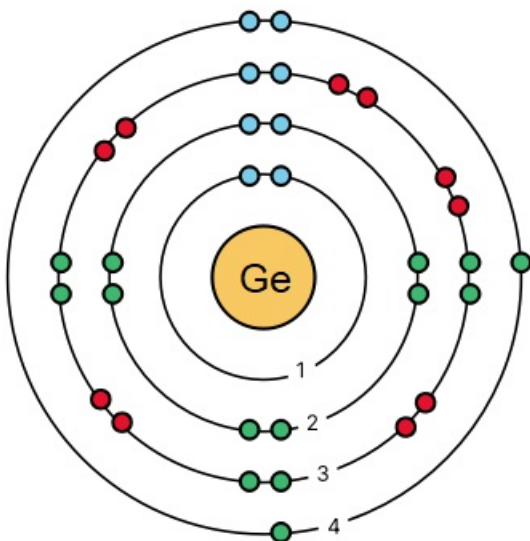
Ge

Germanium

[Ar] 3d¹⁰ 4s² 4p²

Solid

Face Centered Cubic



s
p
d

[Ar] 3d¹⁰ 4s² 4p²
[2, 8, 18, 4]

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