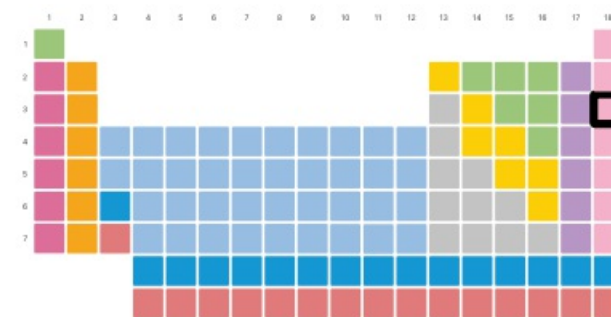


Argon

Noble Gas



Symbol

Ar

Atomic number

18

Atomic weight (amu)

39.94

Atomic radius (pm)

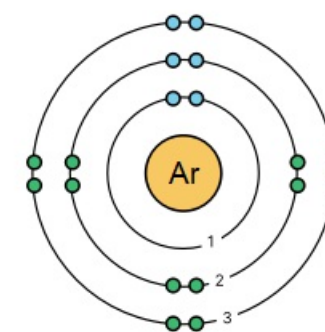
71

Melting Point (K)

83.8

Boiling Point (K)

87.3

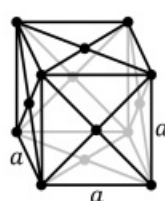


s ●
p ●

Phase - Gas



Crystal Structure



Face Centered Cubic

History

The element Argon was discovered by Lord Rayleigh and W. Ramsay in year 1894 in United Kingdom . Argon was first isolated by Lord Rayleigh and W. Ramsay in 1894 . Argon derived its name from the Greek word argos, meaning 'idle'.

Appearance

colorless gas exhibiting a lilac/violet glow when placed in a high voltage electric field

[Ne] 3s² 3p⁶
[2, 8, 8]

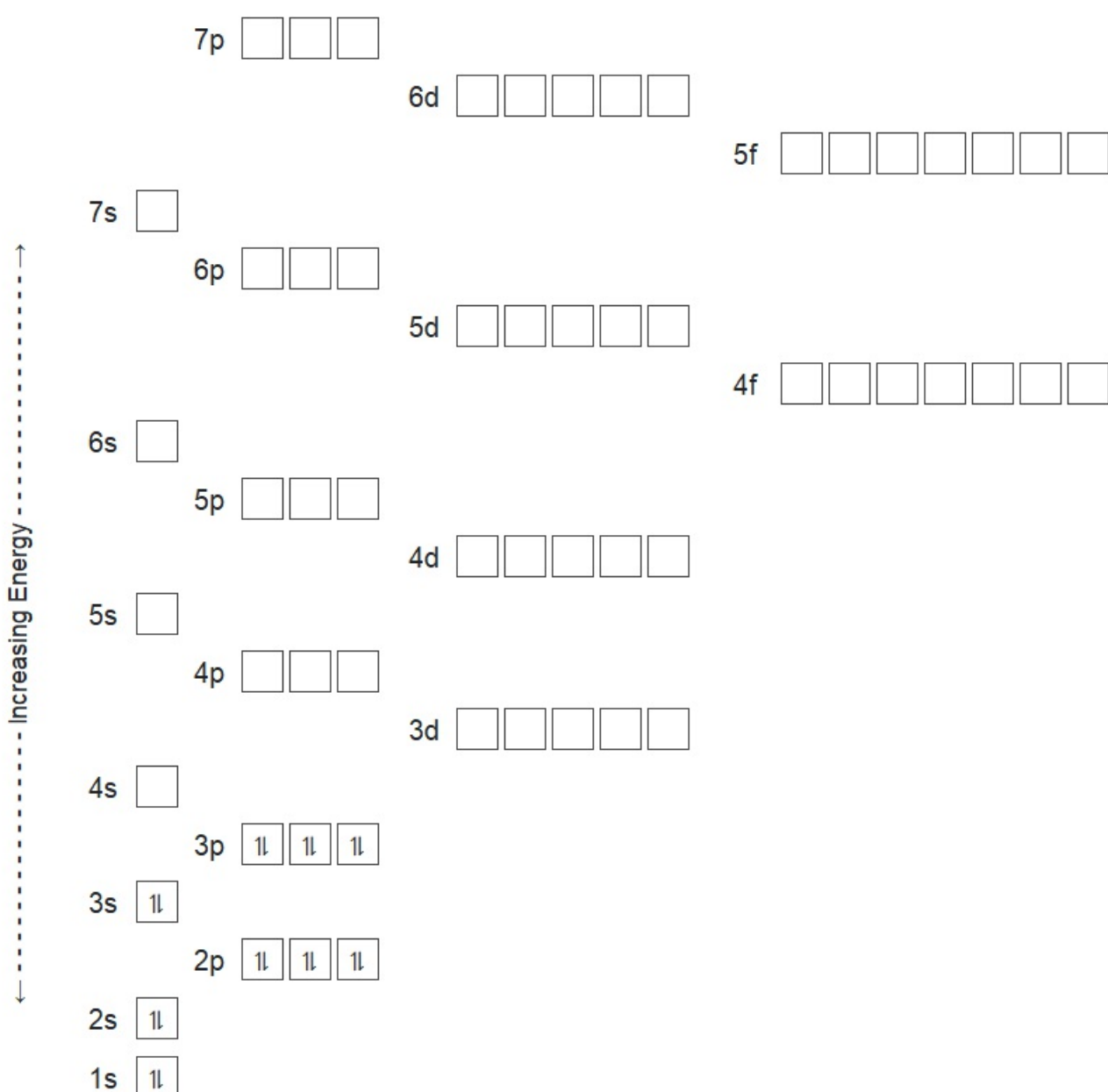
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Argon

Noble Gas

Electronic Configuration



18

39.948

Ar

Argon

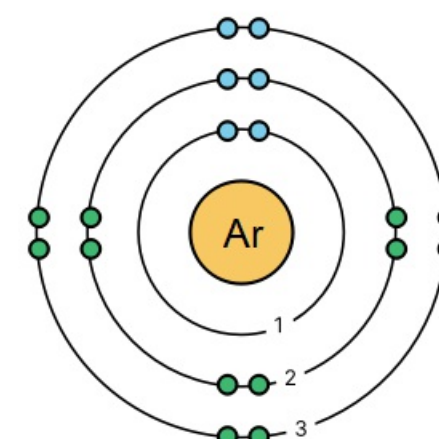
☐

Gas

☐

Face Centered Cubic

[Ne] 3s² 3p⁶



s ●
p ●

[Ne] 3s² 3p⁶
[2, 8, 8]

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