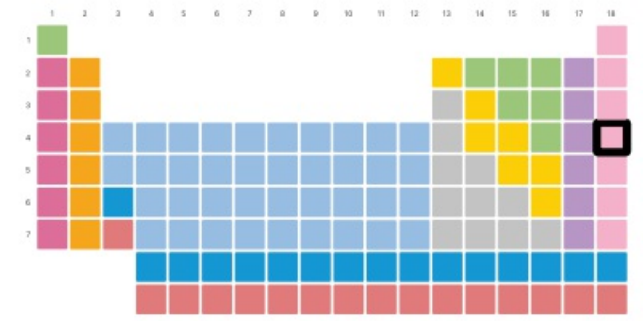


Krypton

Noble Gas



Symbol

Kr

Atomic number

36

Atomic weight (amu)

83.79

Atomic radius (pm)

88

Melting Point (K)

115.79

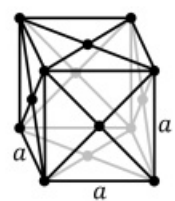
Boiling Point (K)

119.93

Phase - Gas



Crystal Structure



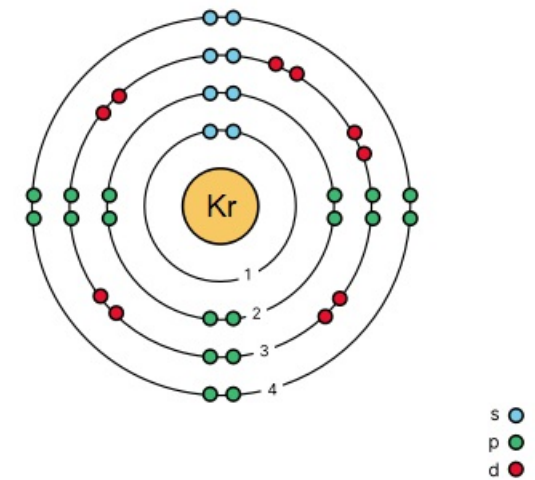
Face Centered Cubic

History

The element Krypton was discovered by W. Ramsay and W. Travers in year 1898 in United Kingdom . Krypton was first isolated by W. Ramsay and W. Travers in 1898 . Krypton derived its name from the Greek kryptos, meaning 'hidden'.

Appearance

colorless gas, exhibiting a whitish glow in a high electric field



[Ar] 3d¹⁰ 4s² 4p⁶
[2, 8, 18, 8]

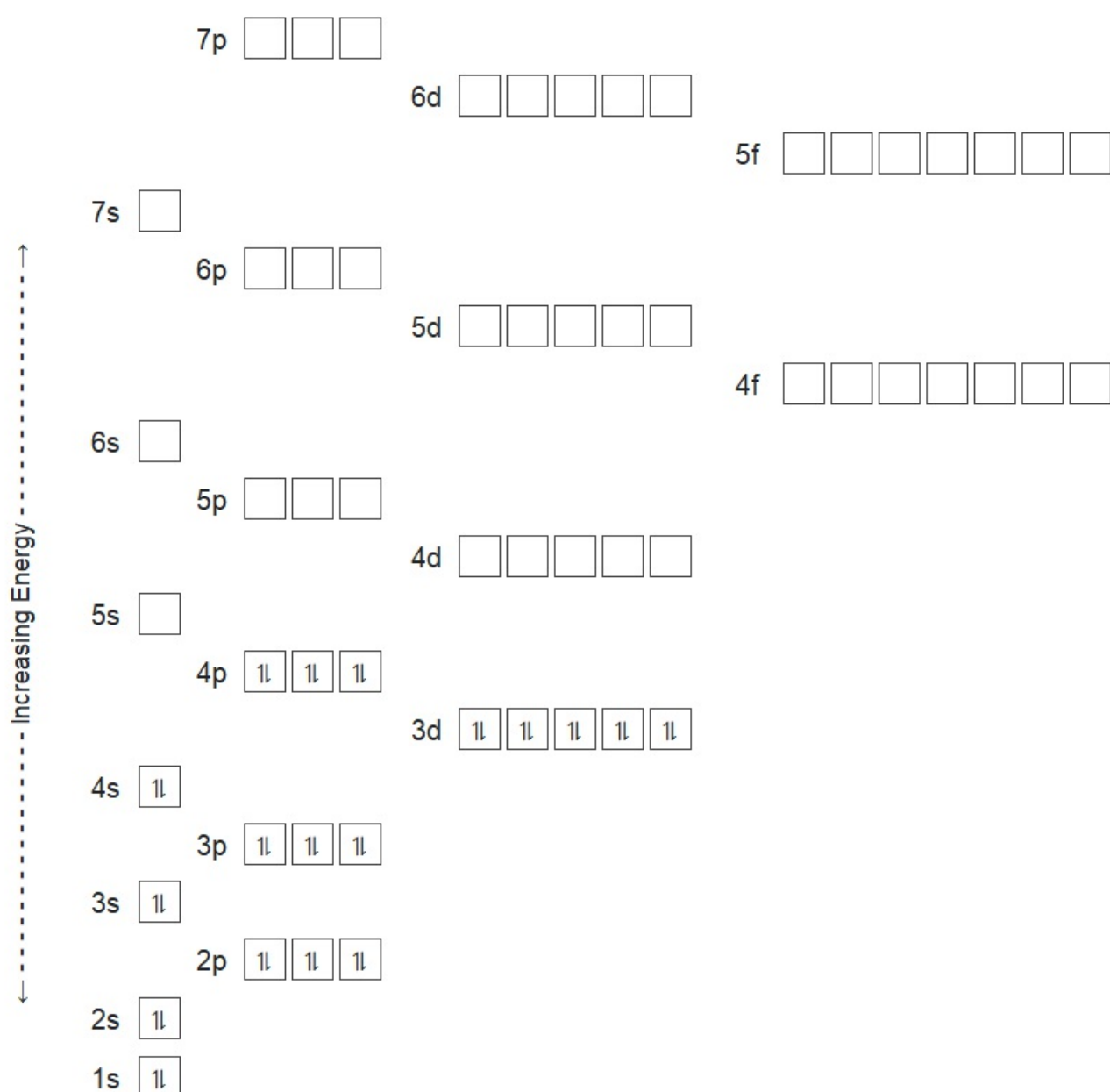
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Krypton

Noble Gas

Electronic Configuration



36

83.798

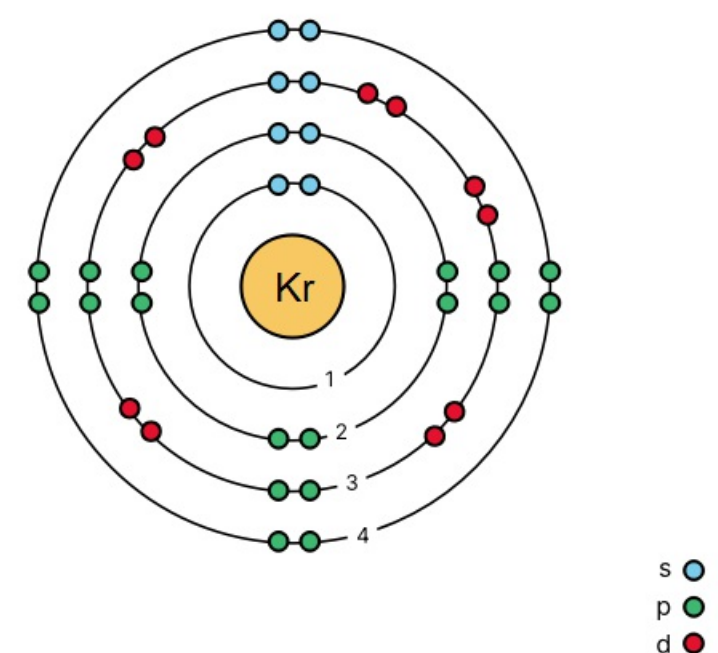
Kr

Krypton

Gas

Face Centered Cubic

[Ar] 3d¹⁰ 4s² 4p⁶



[Ar] 3d¹⁰ 4s² 4p⁶
[2, 8, 18, 8]

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