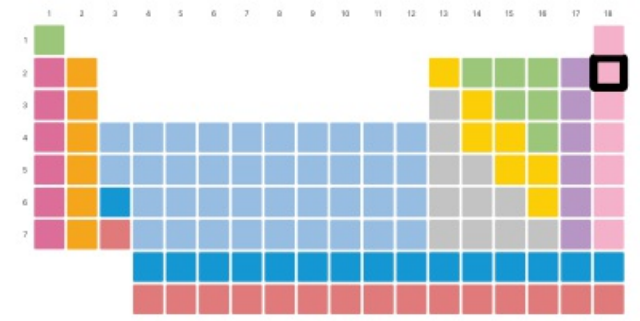


Neon

Noble Gas



Symbol

Ne

Atomic number

10

Atomic weight (amu)

20.17

Atomic radius (pm)

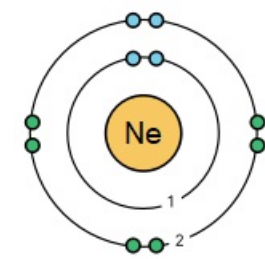
38

Melting Point (K)

24.56

Boiling Point (K)

27.07

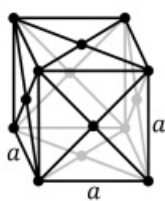


s ●
p ●

Phase - Gas



Crystal Structure



Face Centered Cubic

History

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

Appearance

colorless gas exhibiting an orange-red glow when placed in a high voltage electric field

[He] 2s² 2p⁶
[2, 8]

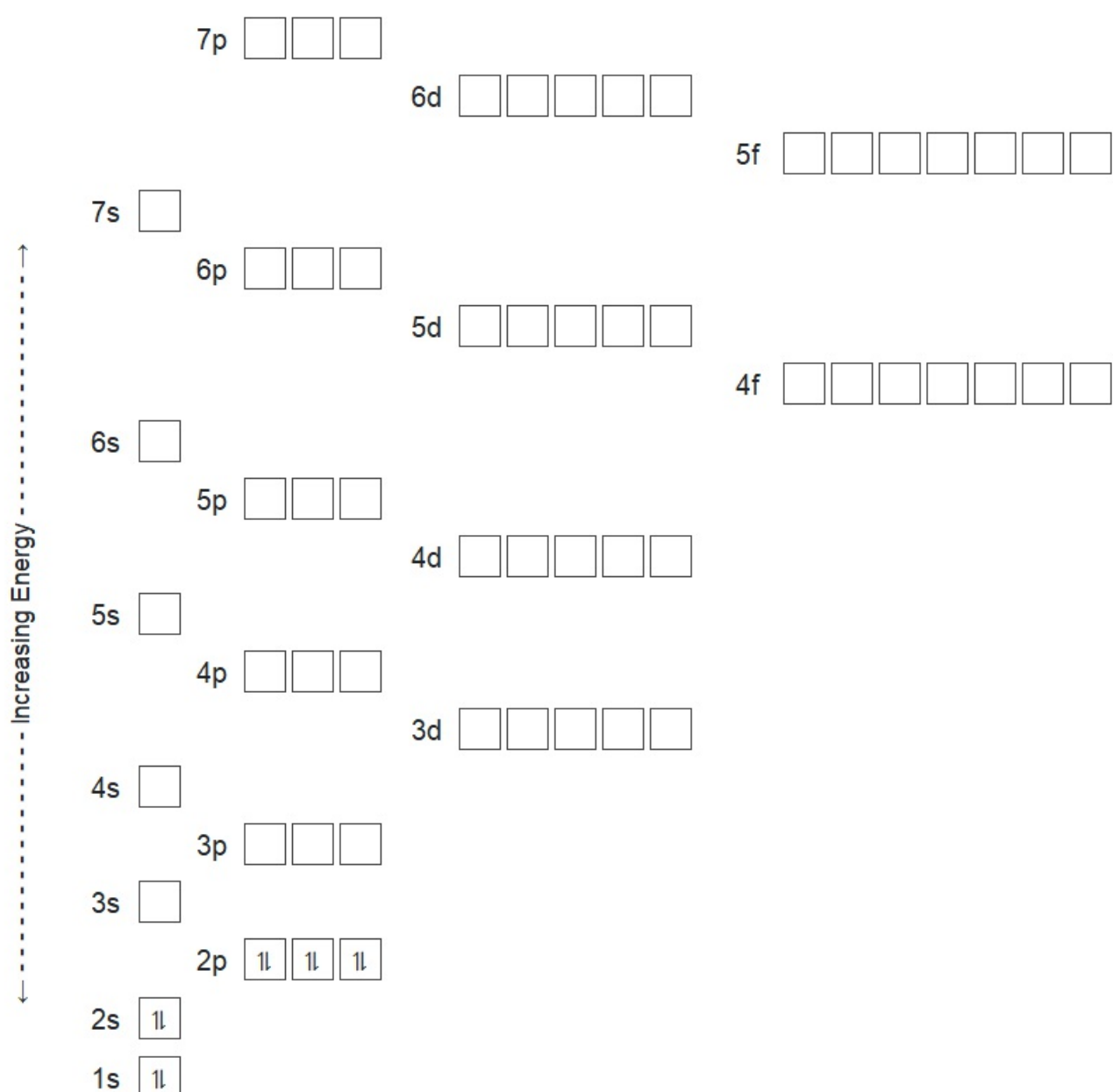
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Neon

Noble Gas

Electronic Configuration



10

20.1797

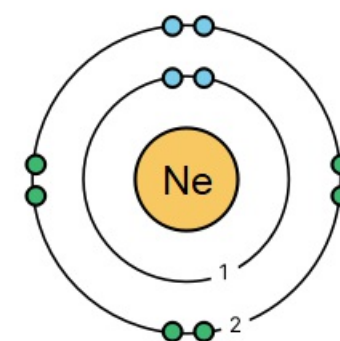
Ne

Neon

[He] 2s² 2p⁶

Gas

Face Centered Cubic



s ●
p ●

[He] 2s² 2p⁶
[2, 8]

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