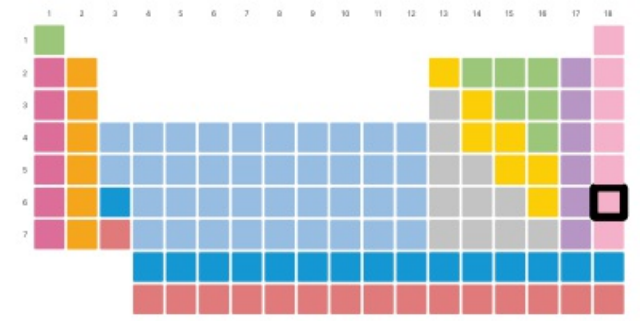


Radon

Noble Gas



Symbol

Rn

Atomic number

86

Atomic weight (amu)

222

Atomic radius (pm)

120

Melting Point (K)

202

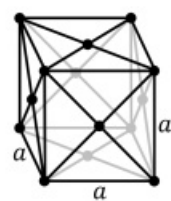
Boiling Point (K)

211.3

Phase - Gas



Crystal Structure



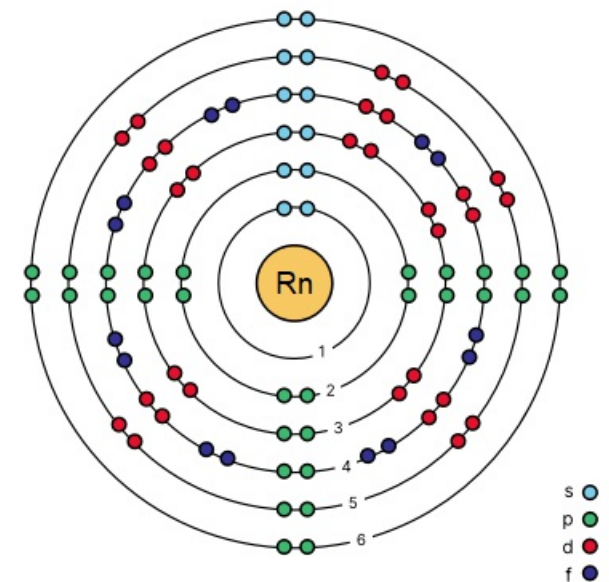
Face Centered Cubic

History

The element Radon was discovered by E. Rutherford and R. B. Owens in year 1899 in Germany . Radon was first isolated by W. Ramsay and R. Whytlaw-Gray in 1910 . Radon derived its name From radium, as it was first detected as an emission from radium during radioactive decay.

Appearance

colorless gas, occasionally glows green or red in discharge tubes



[Xe] 4f14 5d10 6s2 6p6
[2, 8, 18, 32, 18, 8]

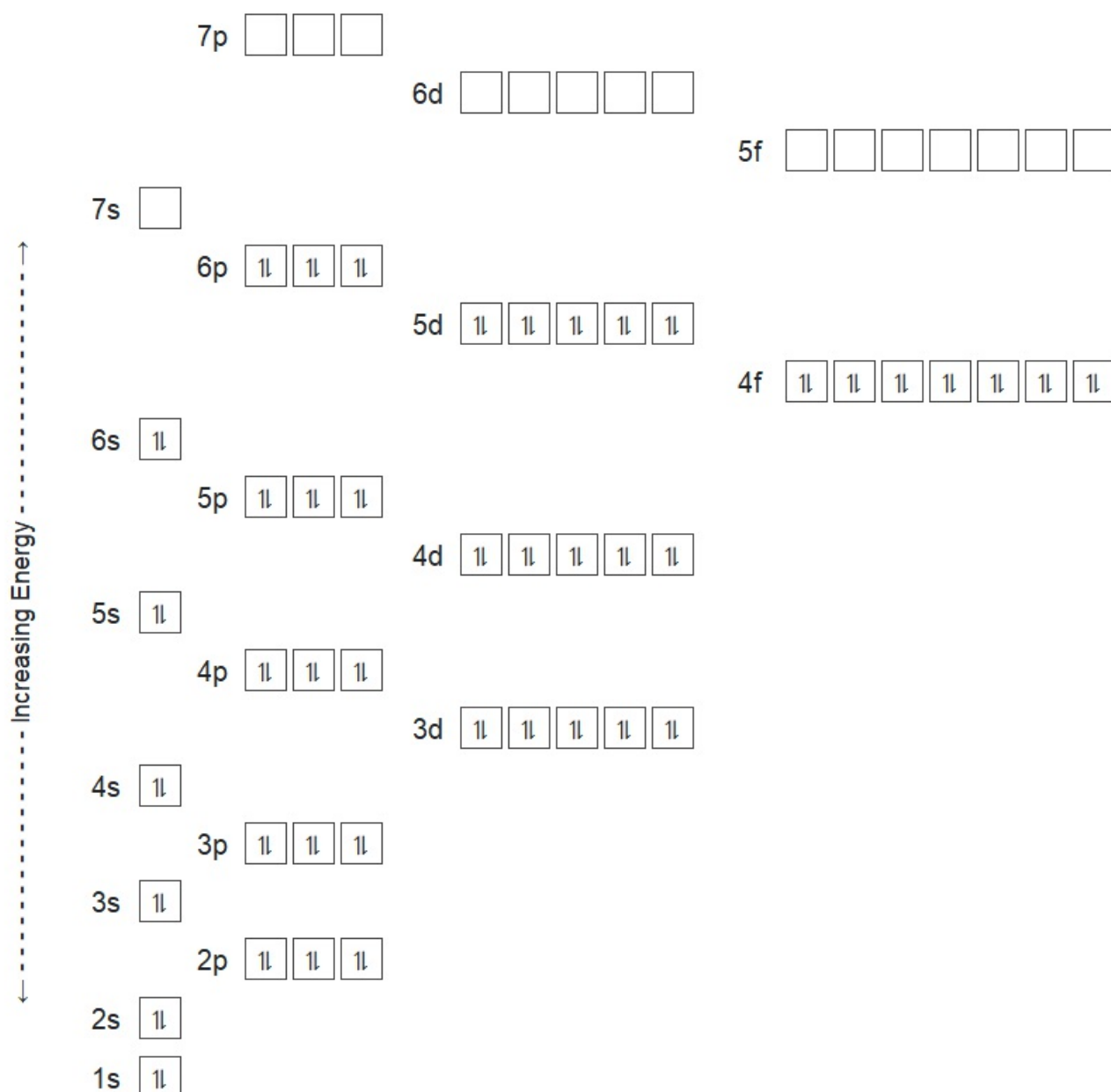
SCHOOLMYKIDS

LEARNING. REVIEWS. SCHOOLS

Radon

Noble Gas

Electronic Configuration



86

222

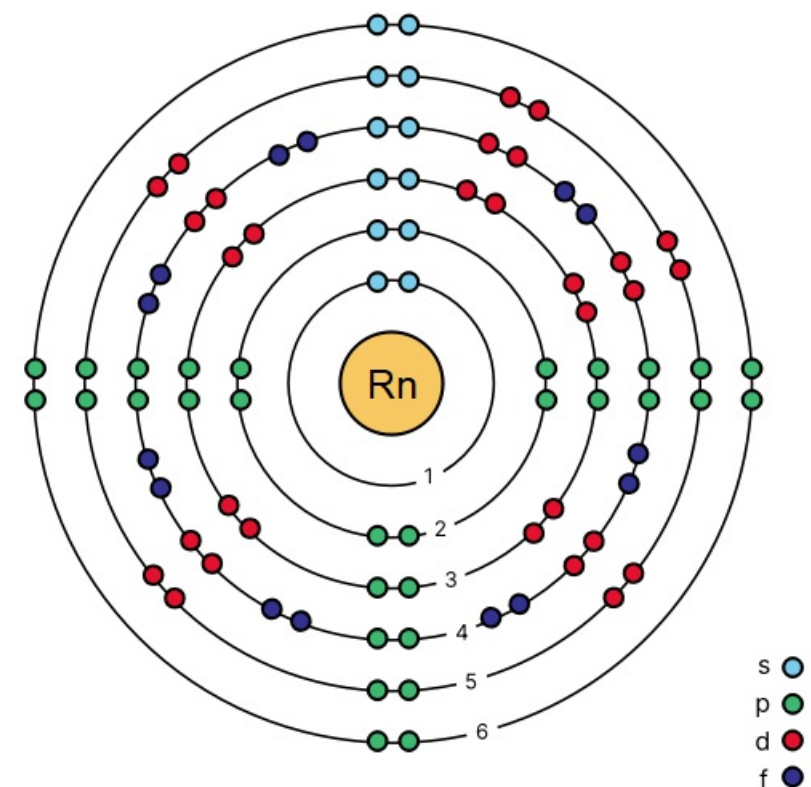
Rn

Radon

Gas

Face Centered Cubic

[Xe] 4f14 5d10 6s2 6p6



[Xe] 4f14 5d10 6s2 6p6
[2, 8, 18, 32, 18, 8]

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