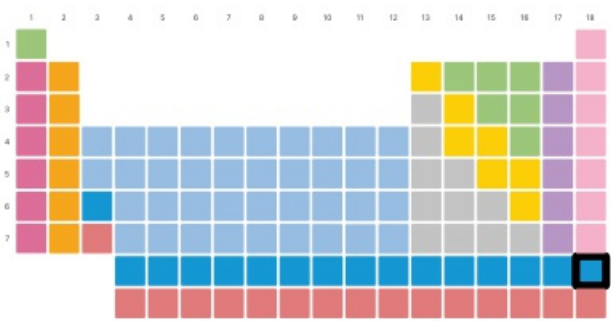


Lutetium

Lanthanide



Symbol

Lu

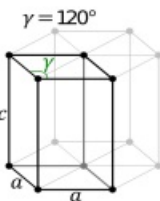
Atomic radius (pm)

217

Phase - Solid



Crystal Structure



Simple Hexagonal

Atomic number

71

Melting Point (K)

1936

History

The element Lutetium was discovered by C. A. von Welsbach and G. Urbain in year 1906 in France and Germany . Lutetium was first isolated by C. A. von Welsbach in 1906 . Lutetium derived its name from Lutetia, the Latin name for Paris.

Appearance

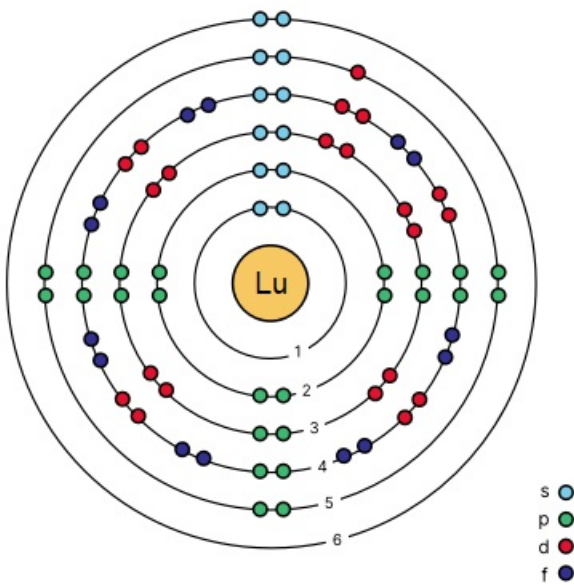
silvery white

Atomic weight (amu)

174.96

Boiling Point (K)

3675



[Xe] 4f¹⁴ 5d¹ 6s²
[2, 8, 18, 32, 9, 2]

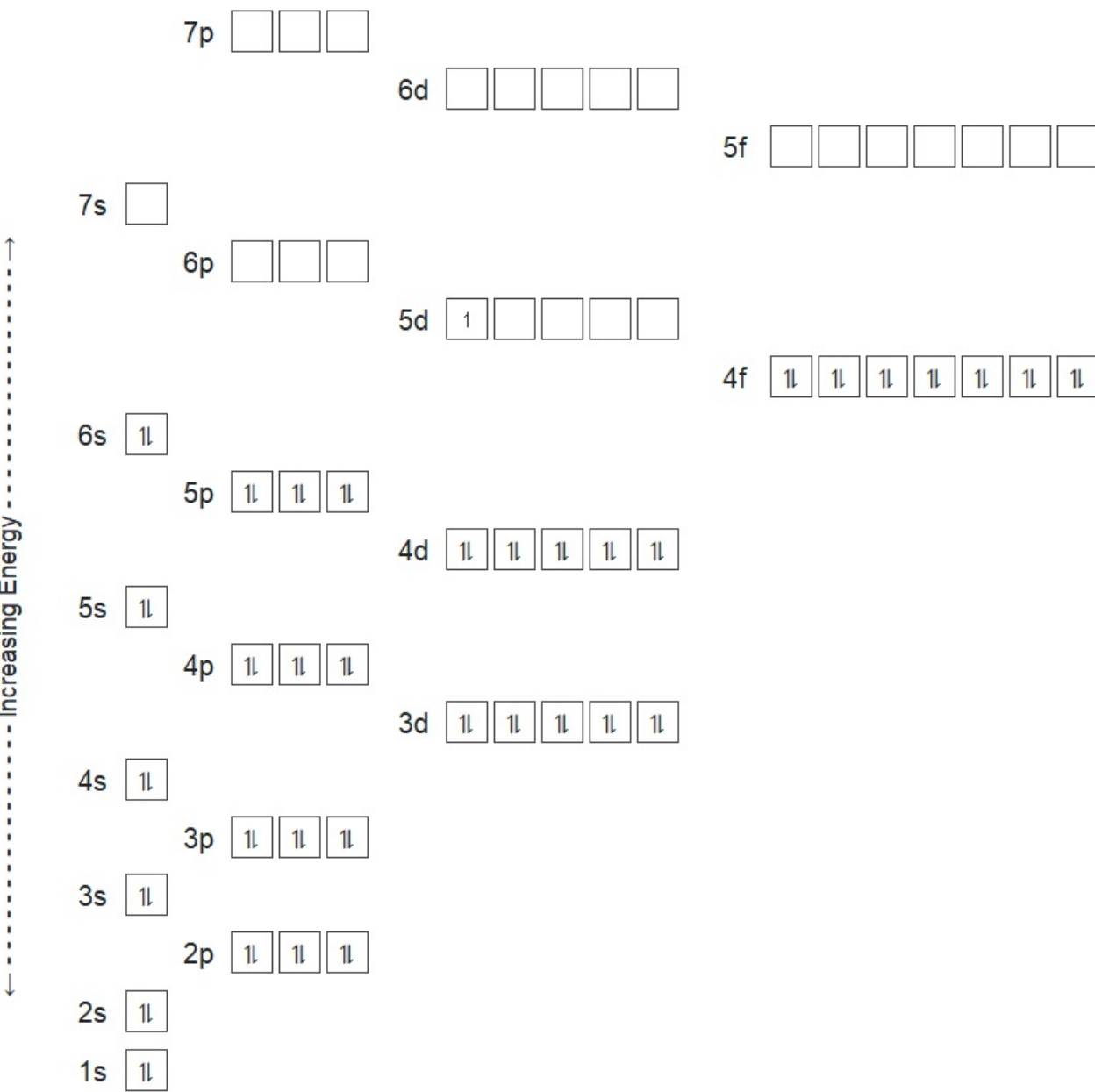
SCHOOLMYKIDS

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Lutetium

Lanthanide

Electronic Configuration



71

174.967

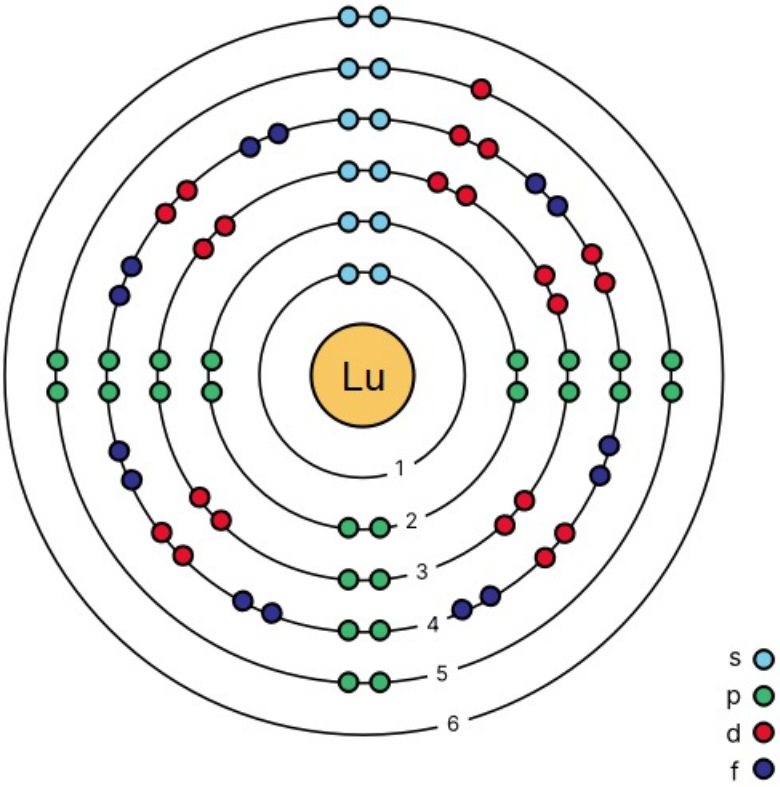
Lu

Lutetium

[Xe] 4f¹⁴ 5d¹ 6s²

Solid

Simple Hexagonal



[Xe] 4f¹⁴ 5d¹ 6s²
[2, 8, 18, 32, 9, 2]

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