

Lanthanum

Lanthanide

Symbol

La

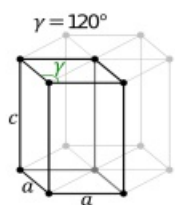
Atomic radius (pm)

195

Phase - Solid



Crystal Structure



Simple Hexagonal

Atomic number

57

Melting Point (K)

1193

History

The element Lanthanum was discovered by G. Mosander in year 1838 in Sweden . Lanthanum was first isolated by G. Mosander in 1841 . Lanthanum derived its name from the Greek lanthanein, meaning 'to lie hidden'.

Appearance

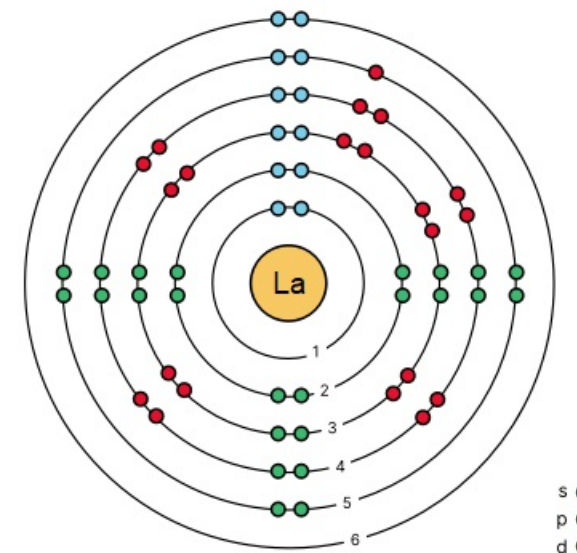
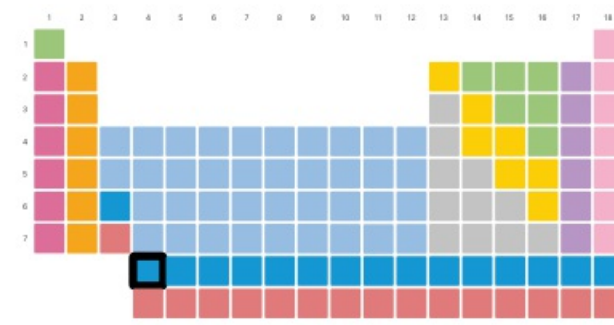
silvery white

Atomic weight (amu)

138.90

Boiling Point (K)

3737



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

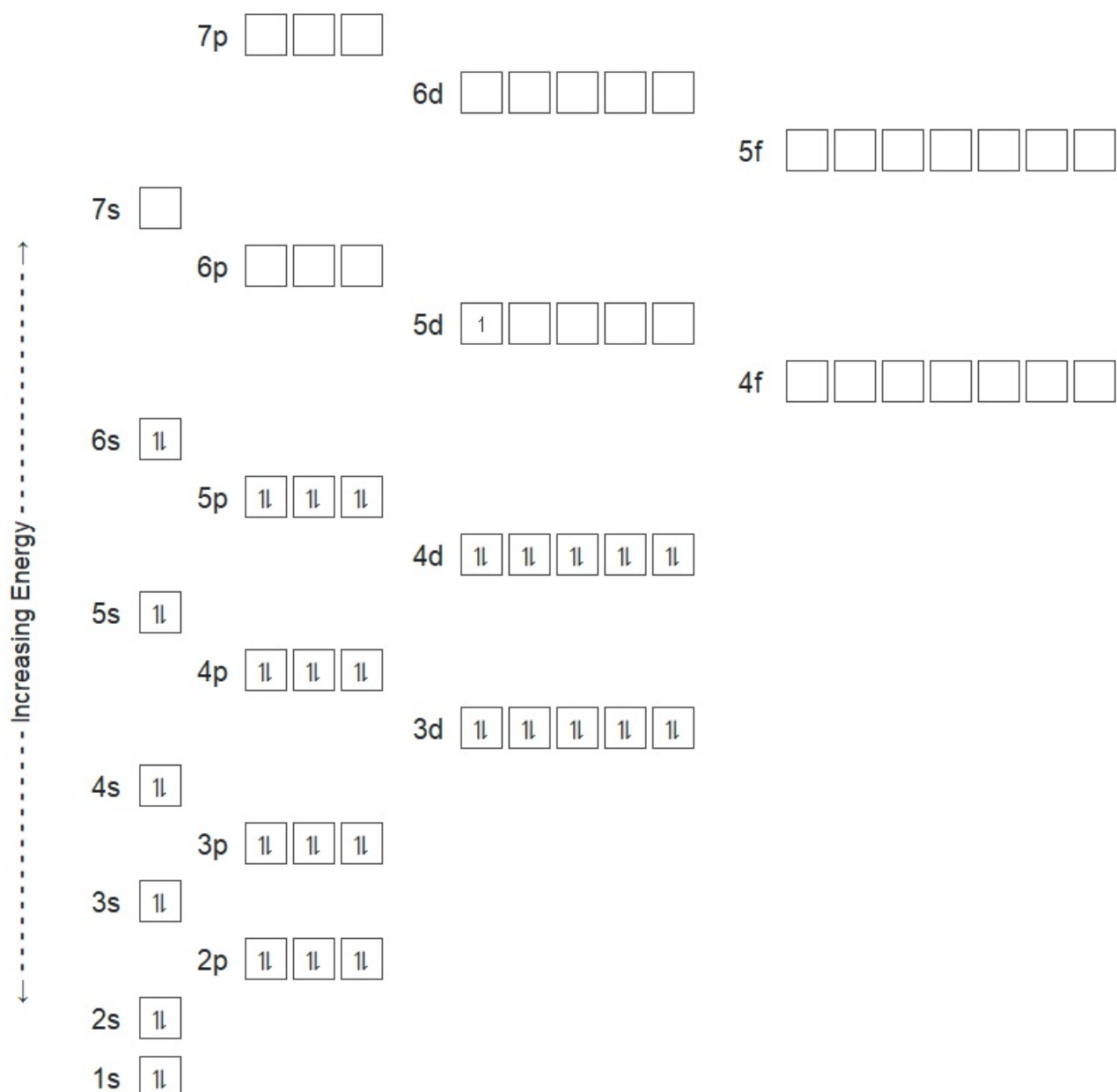
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Lanthanum

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Electronic Configuration



57

138.9055

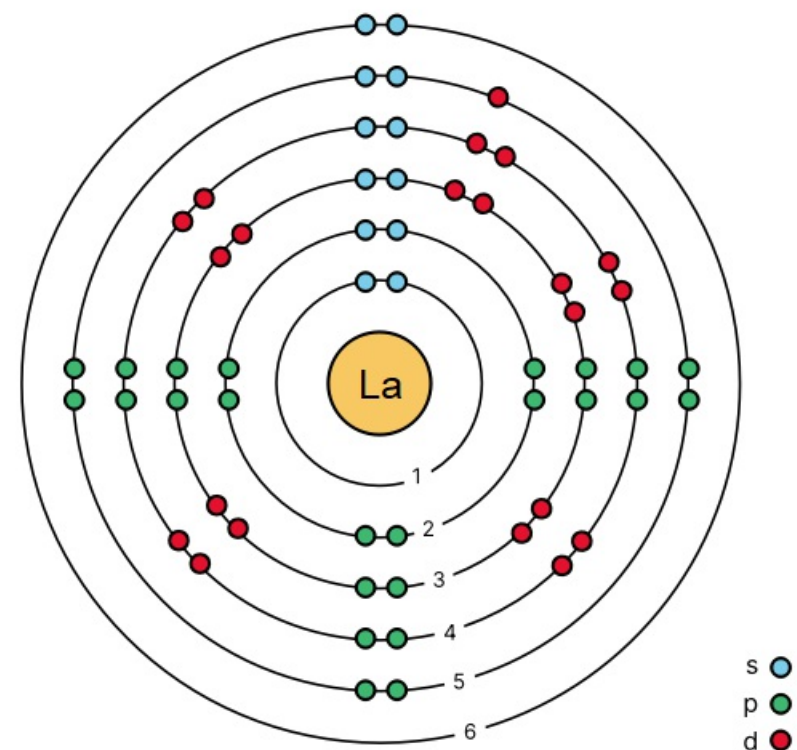
La

Lanthanum

[Xe] 5d1 6s2

Solid

Simple Hexagonal



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

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