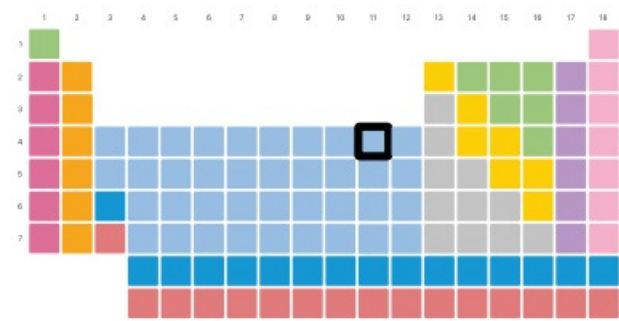


Copper

Transition Metal



Symbol

Cu

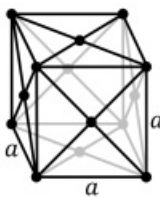
Atomic radius (pm)

145

Phase - Solid



Crystal Structure



Face Centered Cubic

Atomic number

29

Melting Point (K)

1357.77

History

The element Copper was discovered by Middle East in year 9000 BCE in . Copper was first isolated by Anatolia in 6000 BCE . Copper derived its name from English word (Latin cuprum).

Appearance

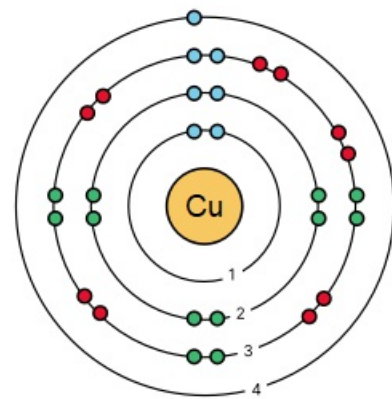
red-orange metallic luster

Atomic weight (amu)

63.54

Boiling Point (K)

3200



s
p
d

[Ar] 3d¹⁰ 4s¹
[2, 8, 18, 1]

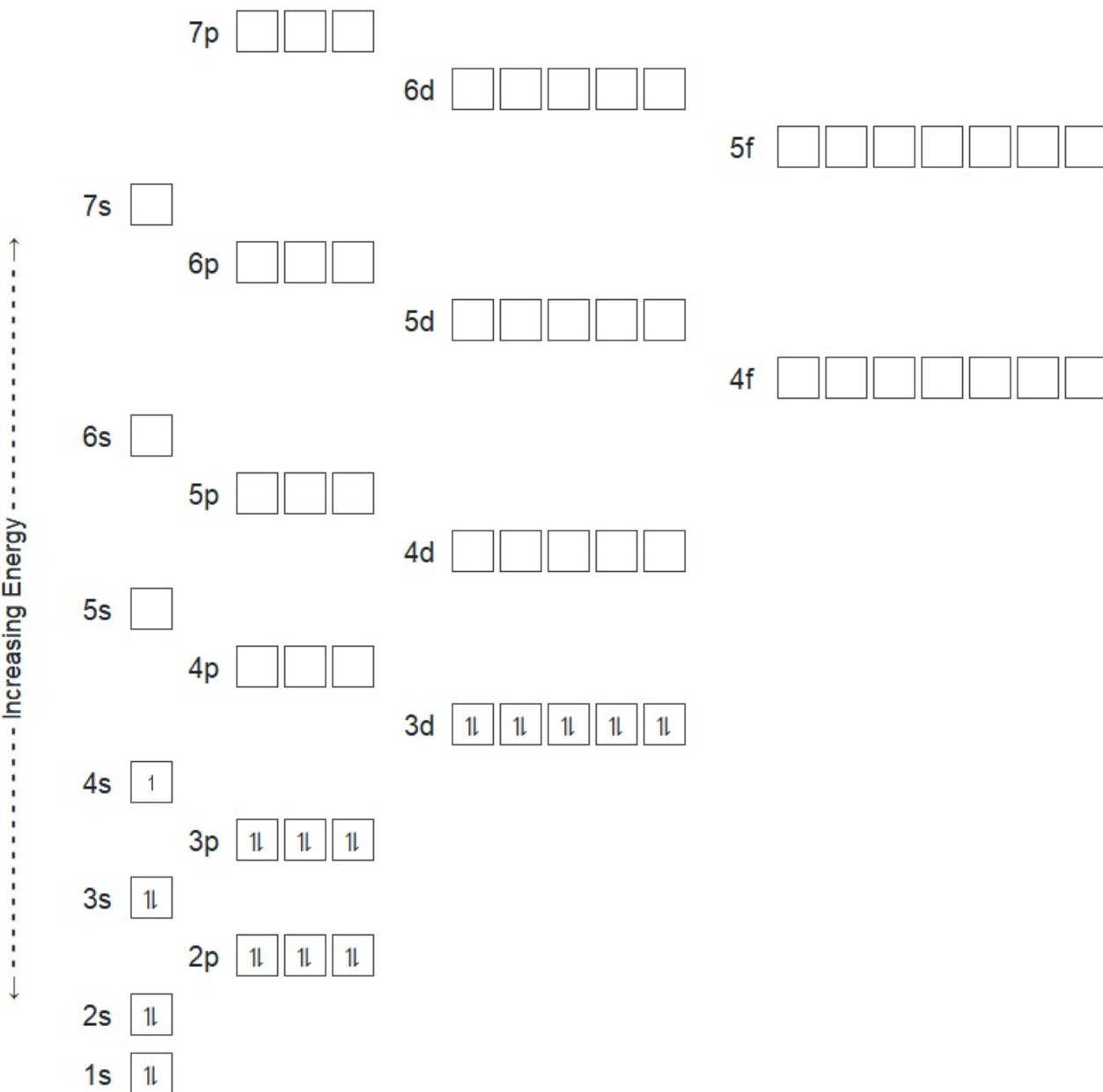
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Copper

Transition Metal

Electronic Configuration

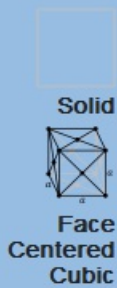


29

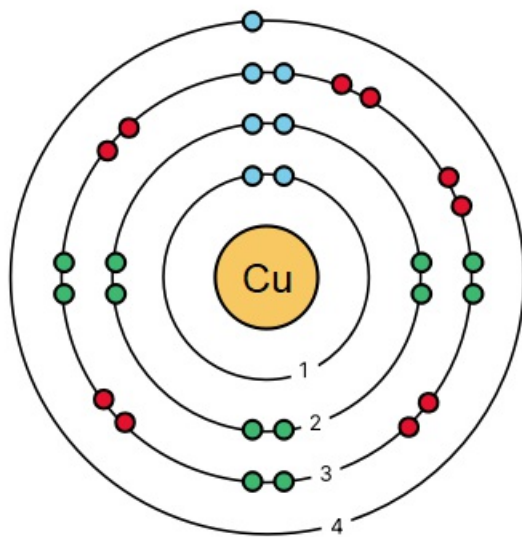
63.546

Cu

Copper



[Ar] 3d¹⁰ 4s¹



s
p
d

[Ar] 3d¹⁰ 4s¹
[2, 8, 18, 1]

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