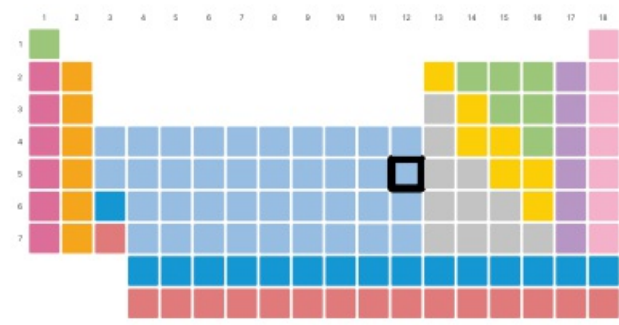


Cadmium

Transition Metal



Symbol

Cd

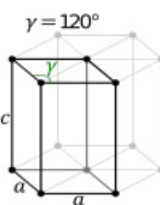
Atomic radius (pm)

161

Phase - Solid



Crystal Structure



Simple Hexagonal

Atomic number

48

Melting Point (K)

594.22

History

The element Cadmium was discovered by S. L Hermann, F. Stromeyer, and J.C.H. Roloff in year 1817 in Germany . Cadmium was first isolated by S. L Hermann, F. Stromeyer, and J.C.H. Roloff in 1817 . Cadmium derived its name from the New Latin cadmia, from King Kadmos.

Appearance

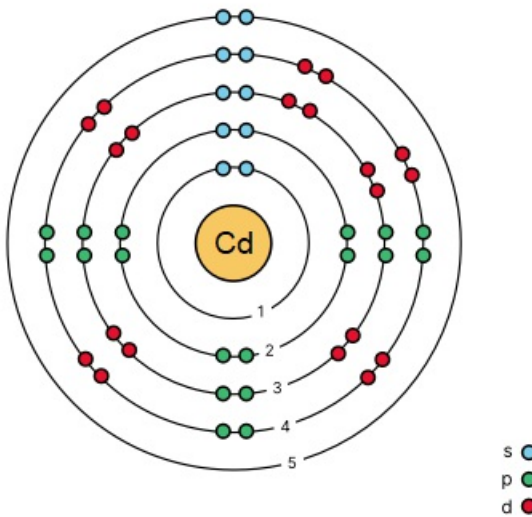
silvery bluish-gray metallic

Atomic weight (amu)

112.41

Boiling Point (K)

1040



[Kr] 4d¹⁰ 5s²
[2, 8, 18, 18, 2]

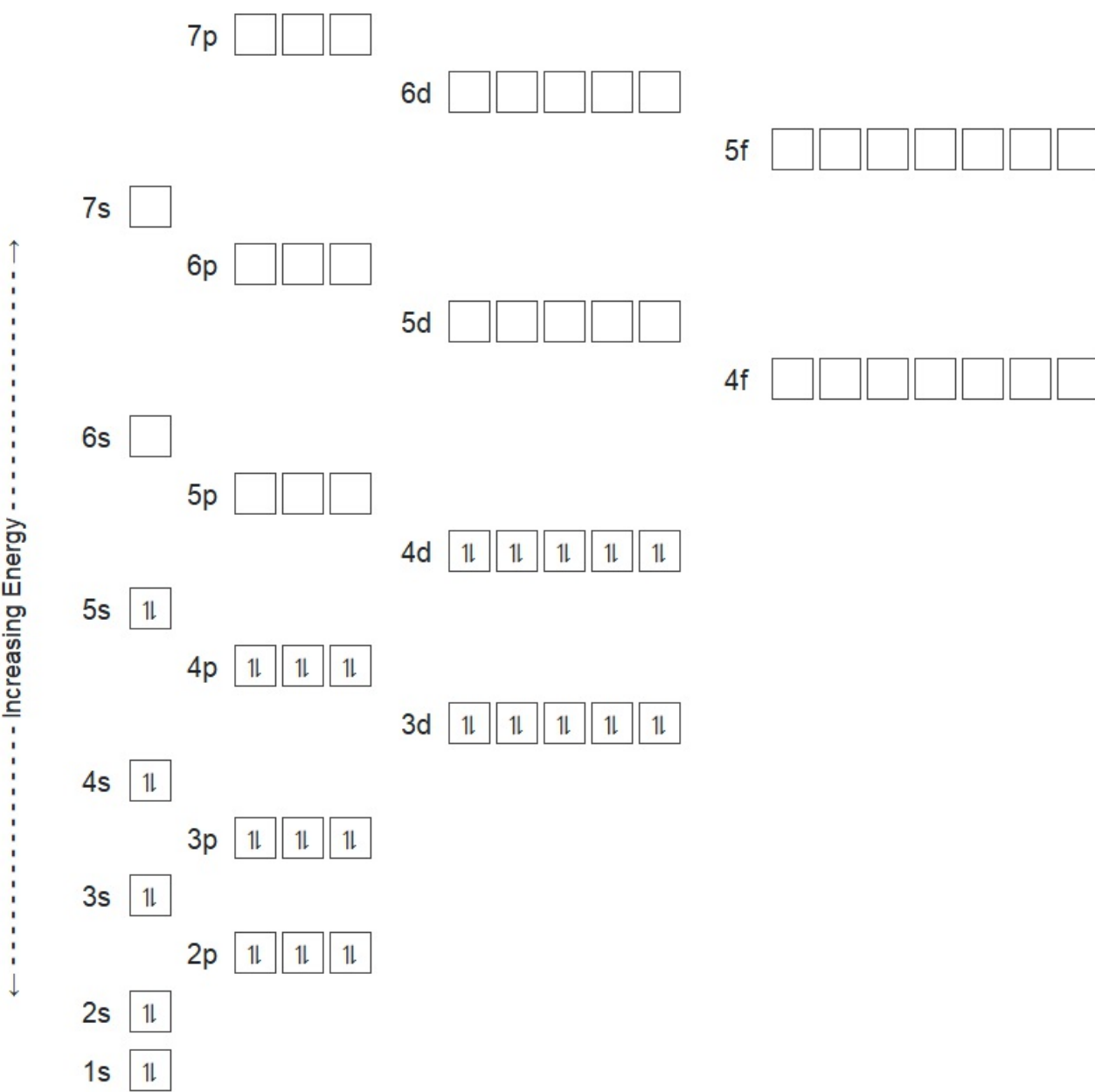
SCHOOLMYKIDS

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Cadmium

Transition Metal

Electronic Configuration



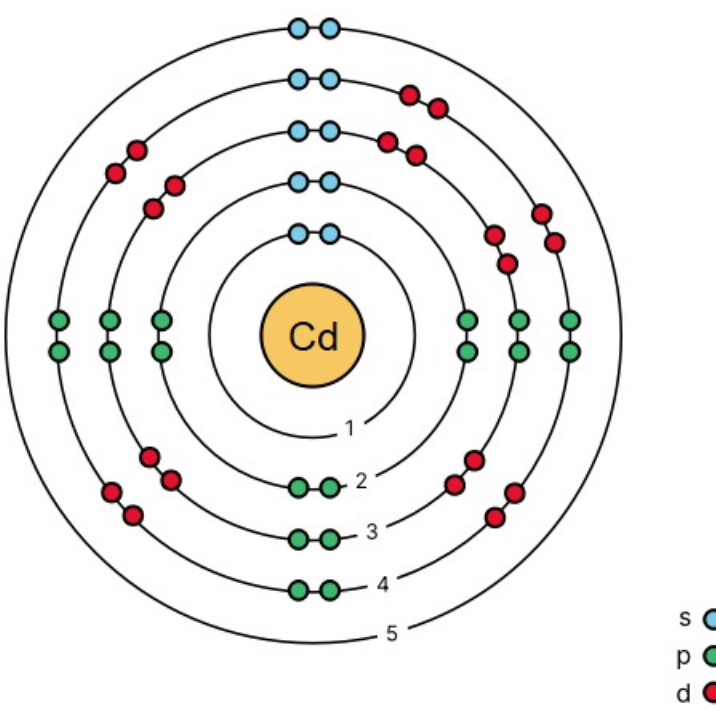
48 112.411

Cd

Cadmium

[Kr] 4d¹⁰ 5s²

Solid
Simple Hexagonal



[Kr] 4d¹⁰ 5s²
[2, 8, 18, 18, 2]

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