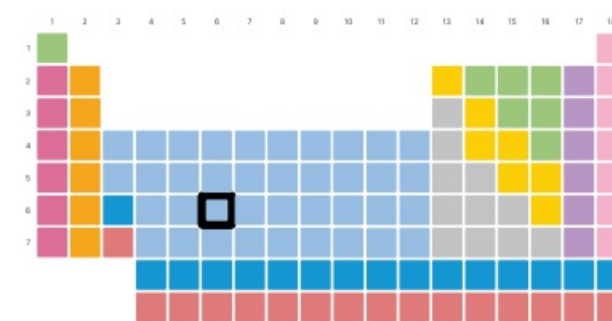


Tungsten

Transition Metal



Symbol

W

Atomic number

74

Atomic weight (amu)

183.84

Atomic radius (pm)

193

Melting Point (K)

3695

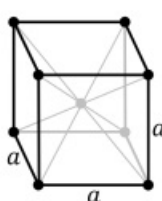
Boiling Point (K)

5828

Phase - Solid



Crystal Structure



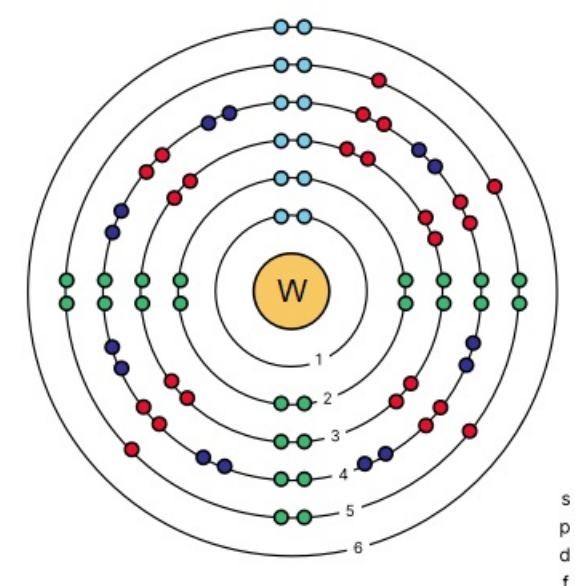
Body Centered Cubic

History

The element Tungsten was discovered by W. Scheele in year 1781 in Spain . Tungsten was first isolated by J. and F. Elhuyar in 1783 . Tungsten derived its name from the Swedish tung sten, 'heavy stone' (W is wolfram, the old name of the tungsten mineral wolframite).

Appearance

grayish white, lustrous



[Xe] 4f¹⁴ 5d⁴ 6s²
[2, 8, 18, 32, 12, 2]

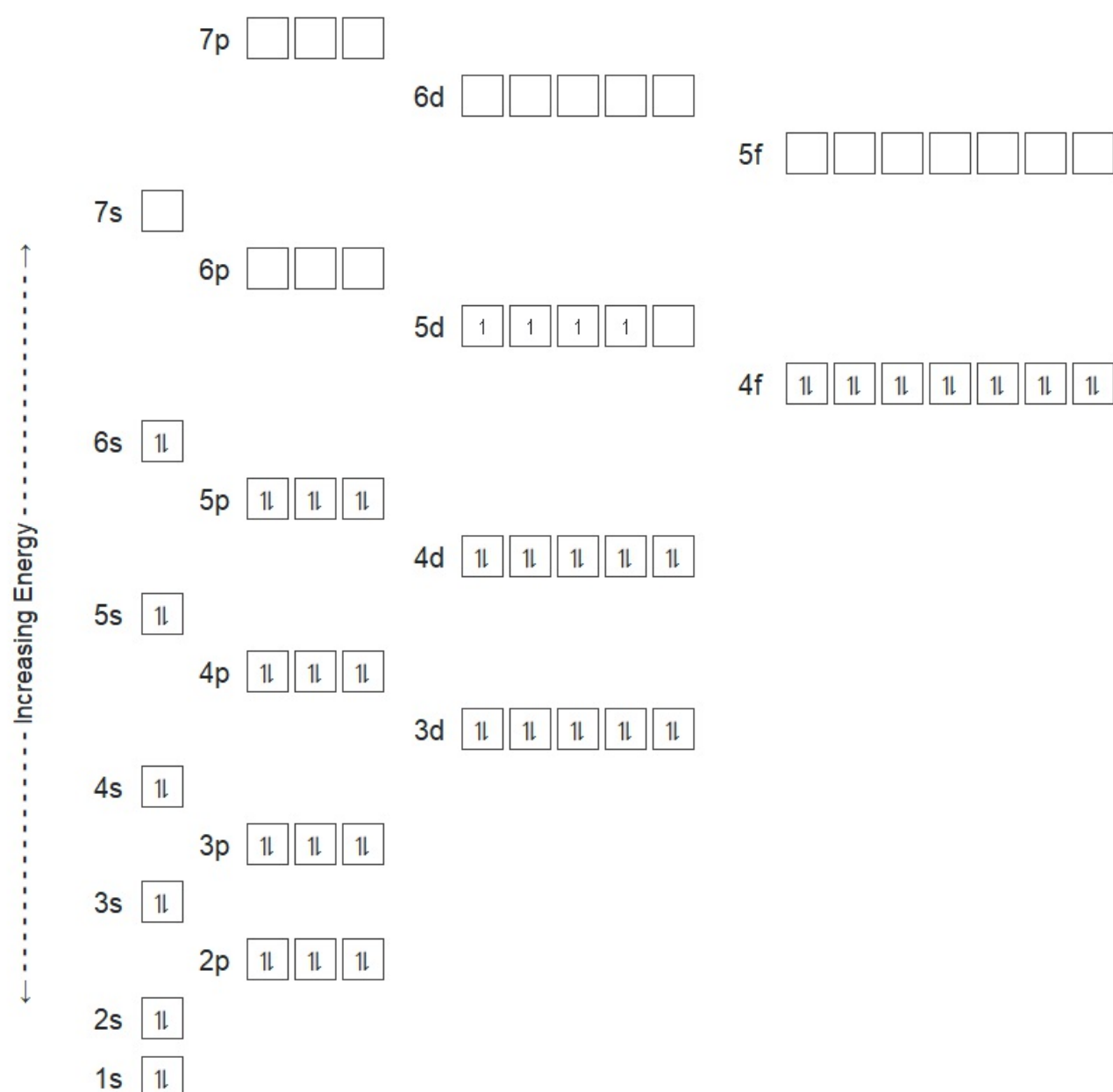
SCHOOLMYKIDS

LEARNING. REVIEWS. SCHOOLS

Tungsten

Transition Metal

Electronic Configuration



74
183.84

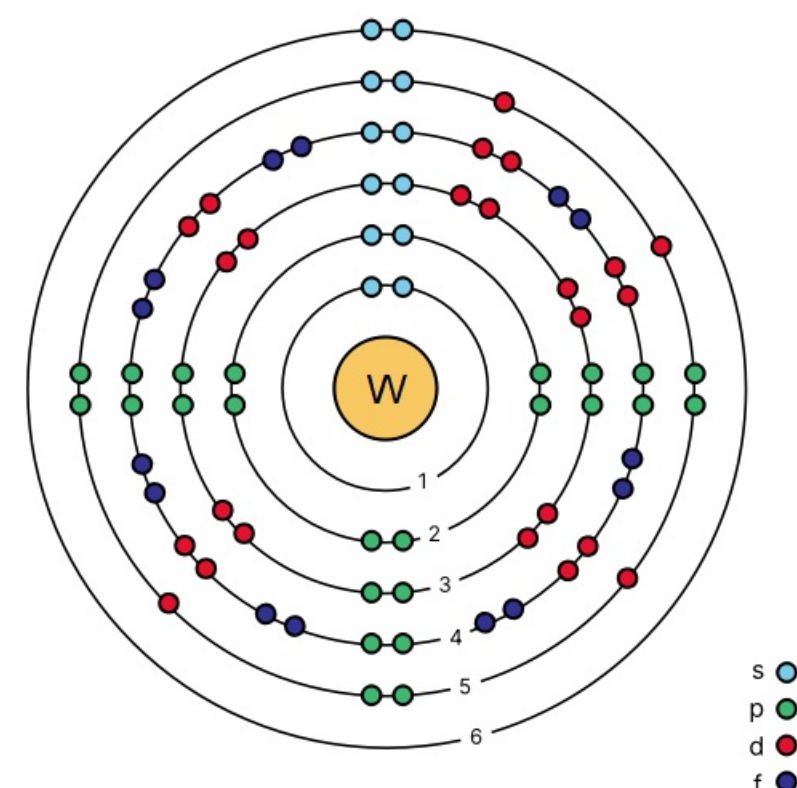
W

Tungsten

[Xe] 4f¹⁴ 5d⁴ 6s²

Solid

Body Centered Cubic



[Xe] 4f¹⁴ 5d⁴ 6s²
[2, 8, 18, 32, 12, 2]

SCHOOLMYKIDS

LEARNING. REVIEWS. SCHOOLS