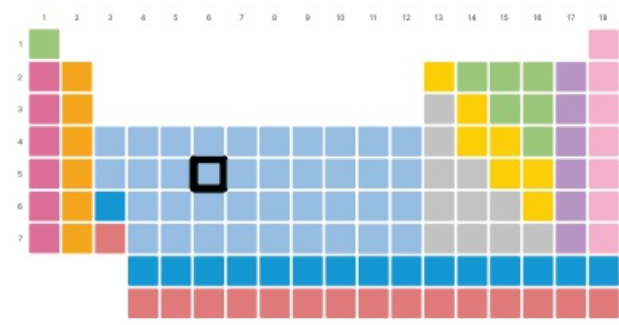


# Molybdenum

## Transition Metal



Symbol

**Mo**

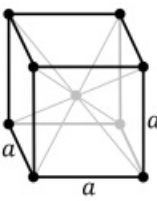
Atomic radius (pm)

**190**

Phase - Solid



Crystal Structure



Body Centered Cubic

Atomic number

**42**

Melting Point (K)

**2896**

History

The element Molybdenum was discovered by W. Scheele in year 1778 in Sweden . Molybdenum was first isolated by J. Hjelm in 1781 . Molybdenum derived its name from the Greek word molybdos meaning 'lead'.

Appearance

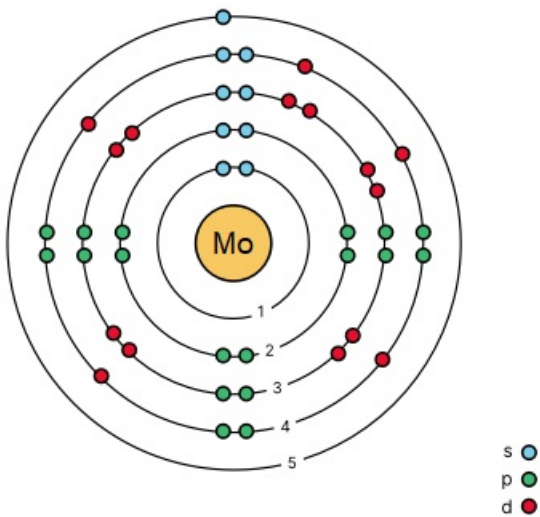
gray metallic

Atomic weight (amu)

**95.94**

Boiling Point (K)

**4912**



[Kr] 4d<sup>5</sup> 5s<sup>1</sup>  
[2, 8, 18, 13, 1]

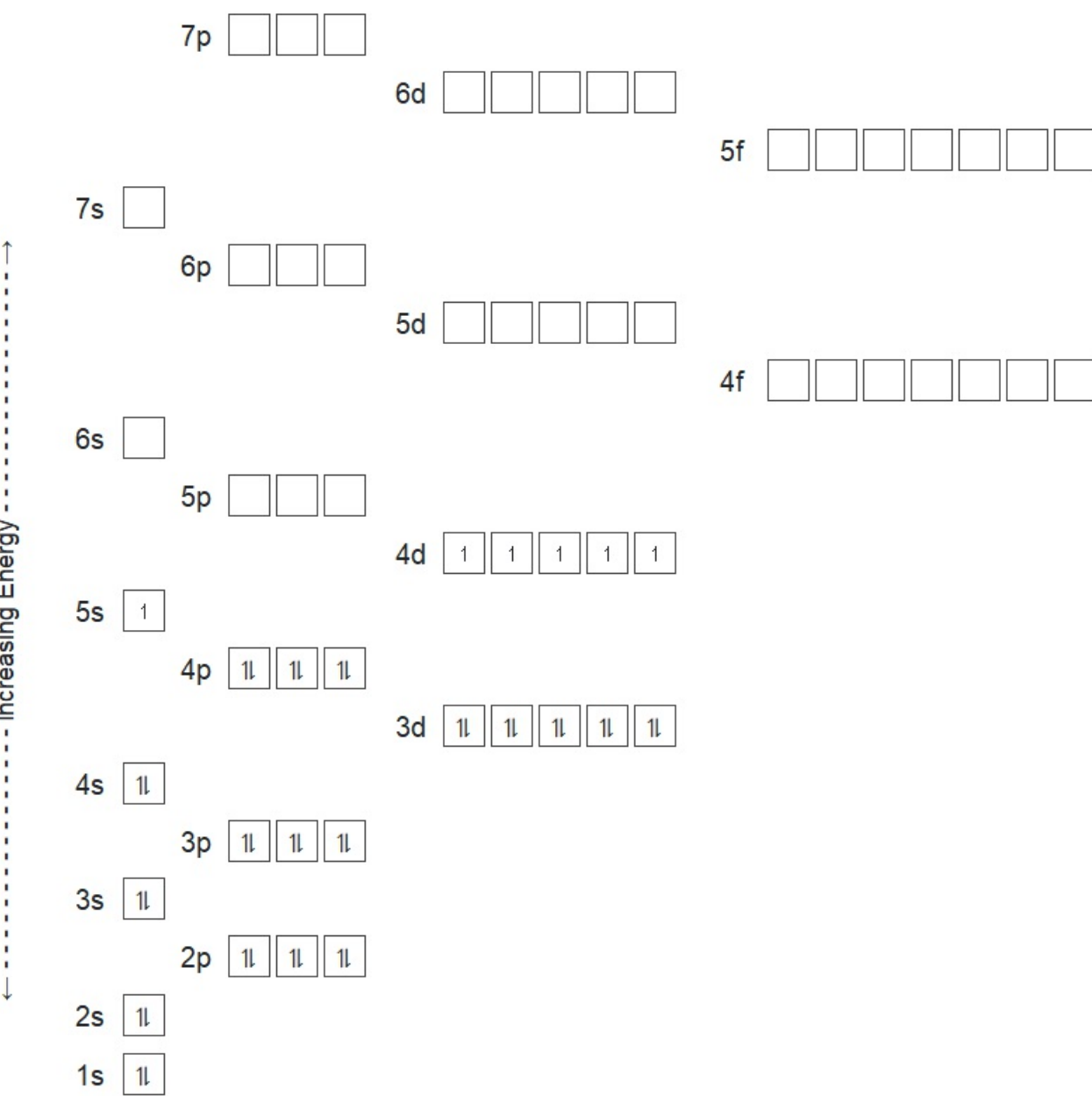
**SCHOOLMYKIDS**

LEARNING. REVIEWS. SCHOOLS

# Molybdenum

## Transition Metal

Electronic Configuration



42

95.94

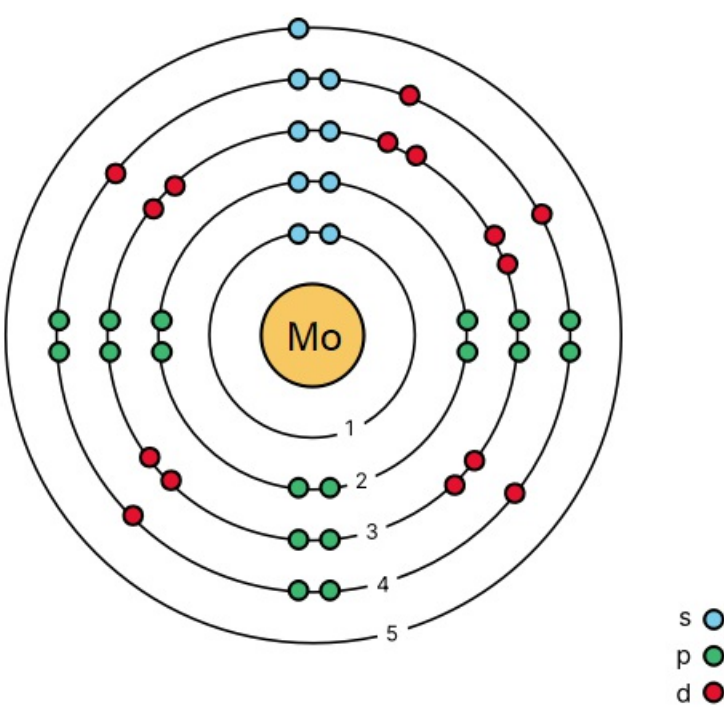
**Mo**

Molybdenum

[Kr] 4d<sup>5</sup> 5s<sup>1</sup>

Solid

Body Centered Cubic



[Kr] 4d<sup>5</sup> 5s<sup>1</sup>  
[2, 8, 18, 13, 1]

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