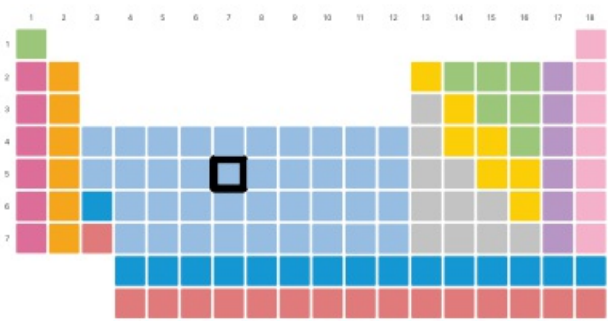


Technetium

Transition Metal

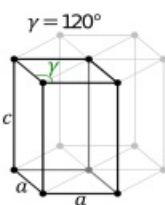


Symbol	Atomic number	Atomic weight (amu)
Tc	43	98
Atomic radius (pm)	Melting Point (K)	Boiling Point (K)
183	2430	4538

Phase - Solid



Crystal Structure



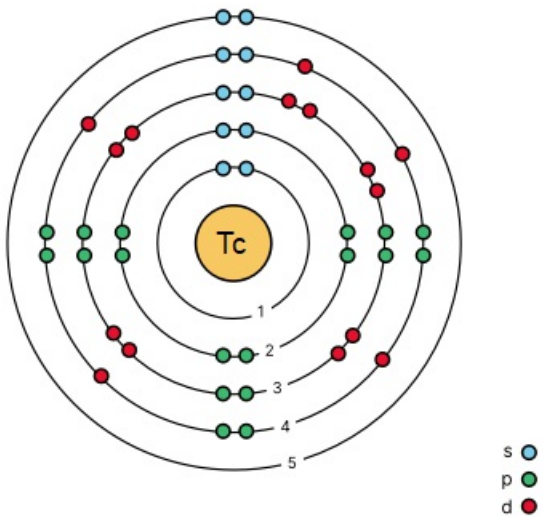
Simple Hexagonal

History

The element Technetium was discovered by C. Perrier and E. Segrè in year 1937 in Italy . Technetium was first isolated by C. Perrier & E.Segrè in 1937 . Technetium derived its name from the Greek tekhnètos meaning 'artificial'.

Appearance

shiny gray metal

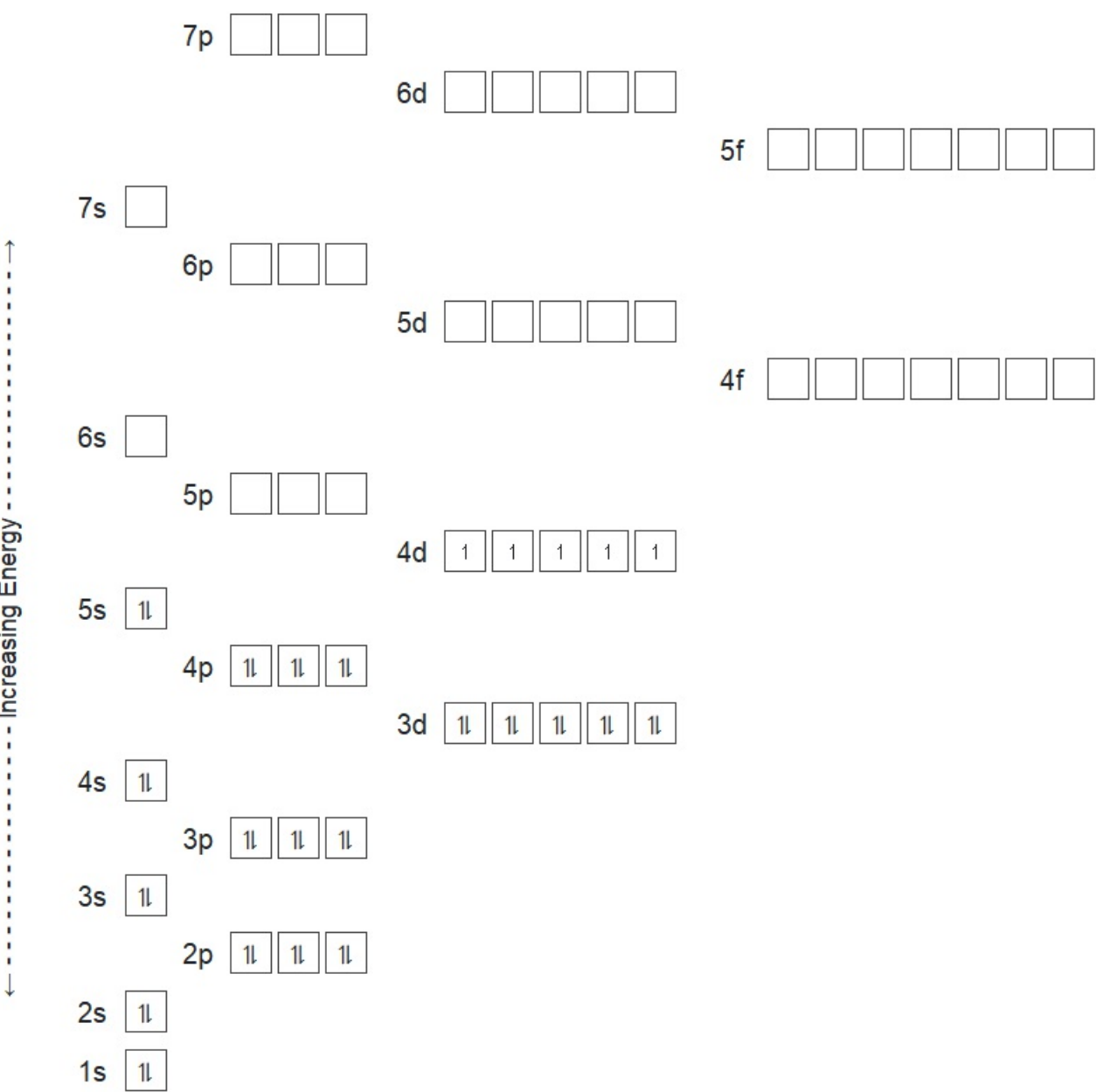


[Kr] 4d5 5s2
[2, 8, 18, 13, 2]

Technetium

Transition Metal

Electronic Configuration



43

98

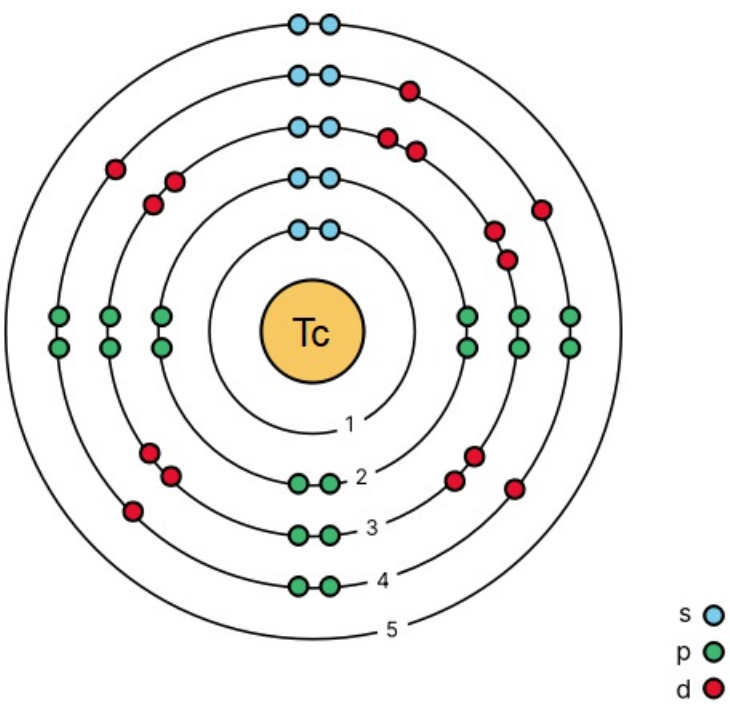
Tc

Technetium

[Kr] 4d5 5s2

Solid

Simple Hexagonal



[Kr] 4d5 5s2
[2, 8, 18, 13, 2]