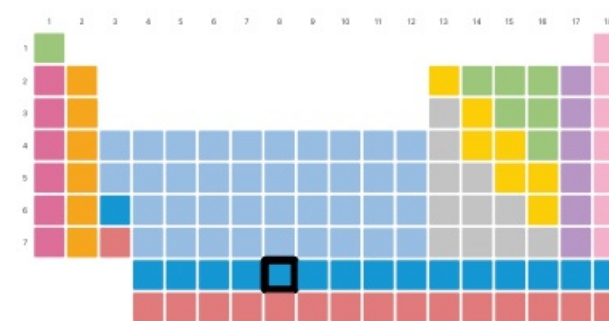


Lanthanide



Symbol

Atomic number

Atomic weight (amu)

Pm

61

145

Atomic radius (pm)

Melting Point (K)

Boiling Point (K)

205

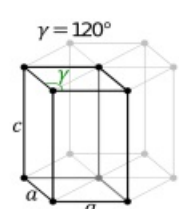
1373

3273

Phase - Solid



Crystal Structure



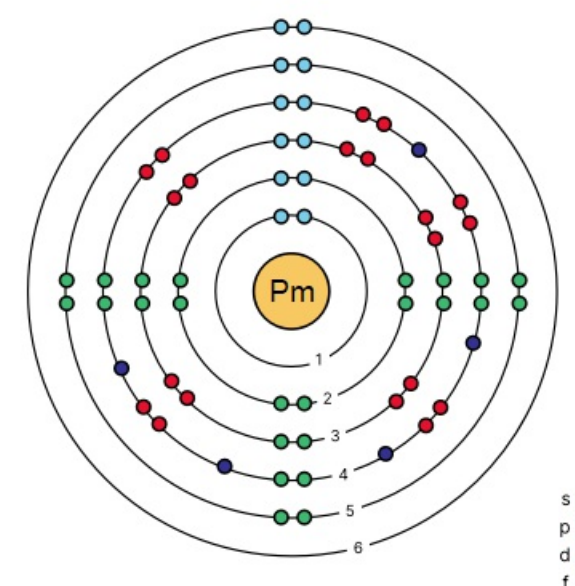
Simple Hexagonal

History

The element Promethium was discovered by S. Wu, E. G. Segrè and H. Bethe in year 1942 in United States . Promethium was first isolated by Charles D. Coryell, Jacob A. Marinsky, Lawrence E. Glendenin, and Harold G. Richter in 1945 . Promethium derived its name from Prometheus of Greek mythology who stole fire from the Gods and gave it to humans.

Appearance

metallic



[Xe] 4f⁵ 6s²
[2, 8, 18, 23, 8, 2]

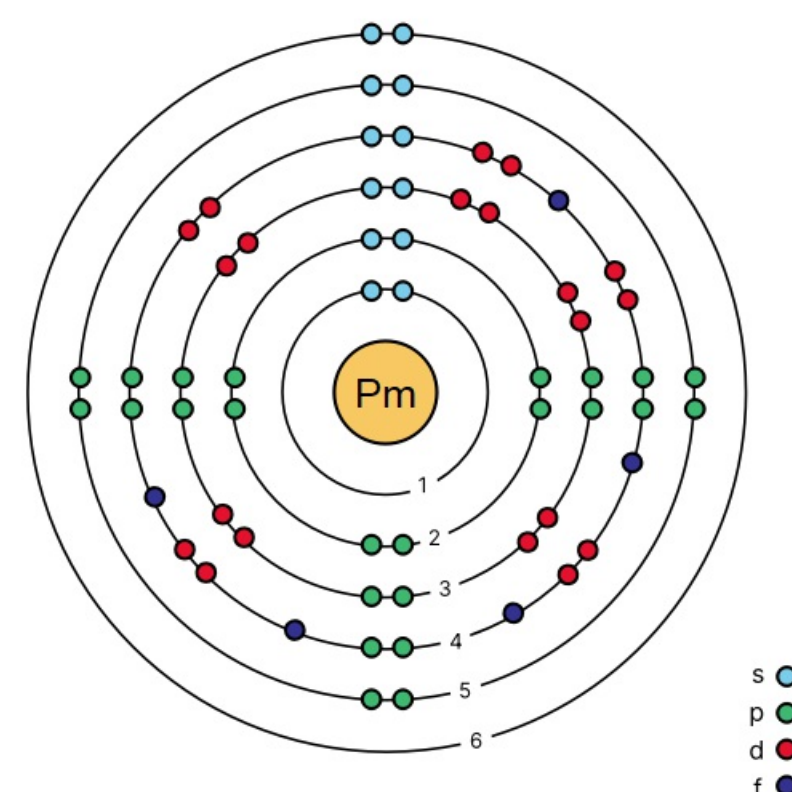
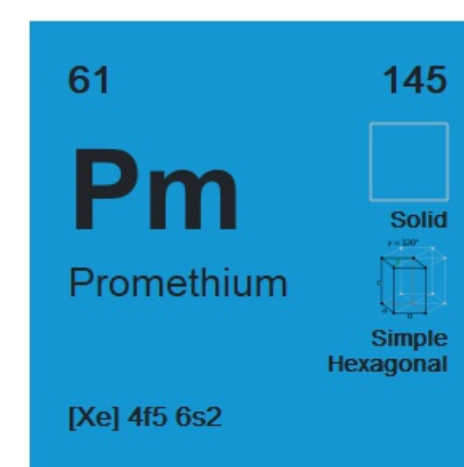
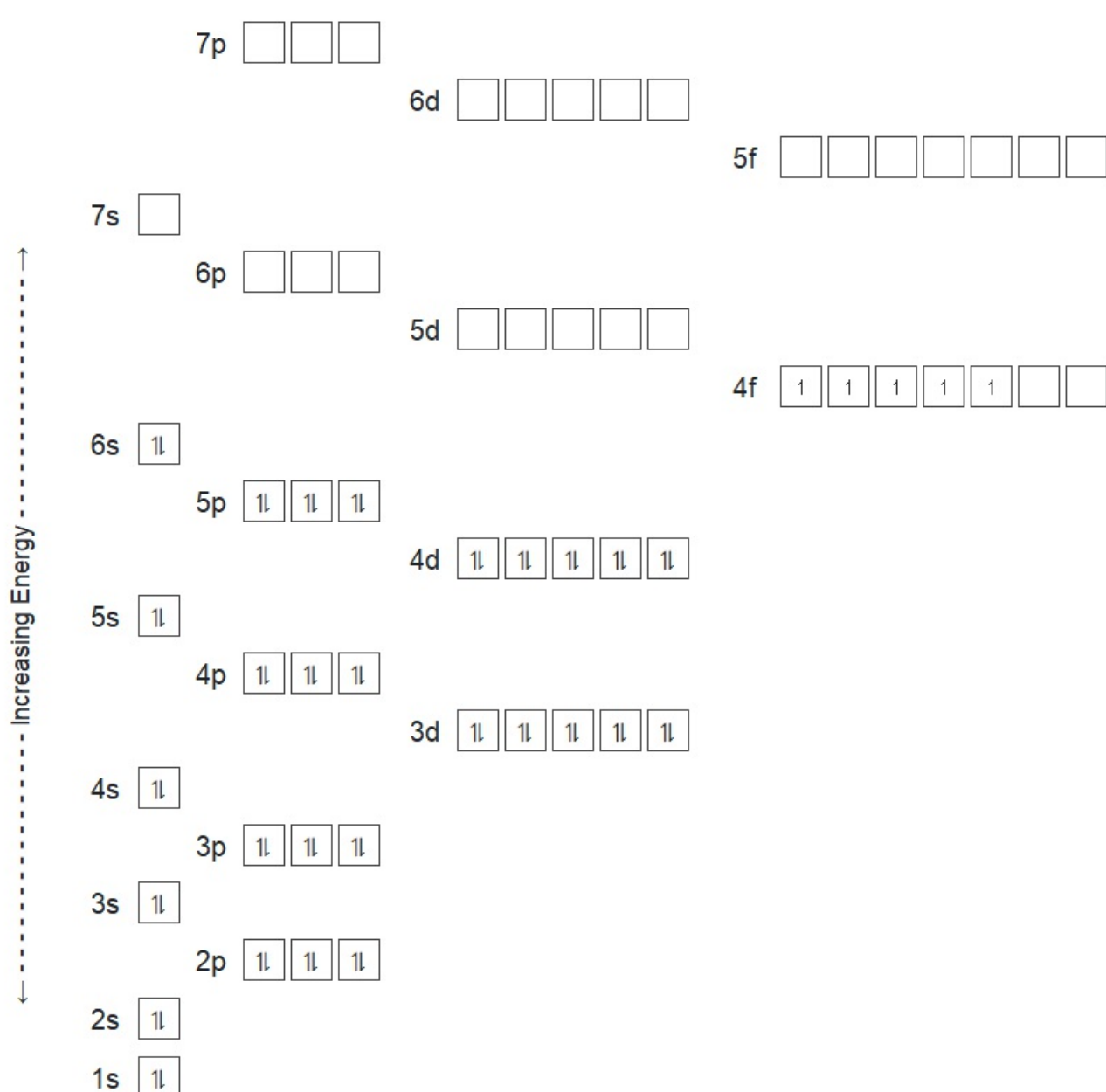
SCHOOLMYKIDS

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Promethium

Lanthanide

Electronic Configuration



[Xe] 4f⁵ 6s²
[2, 8, 18, 23, 8, 2]

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LEARNING REVIEWS SCHOOLS