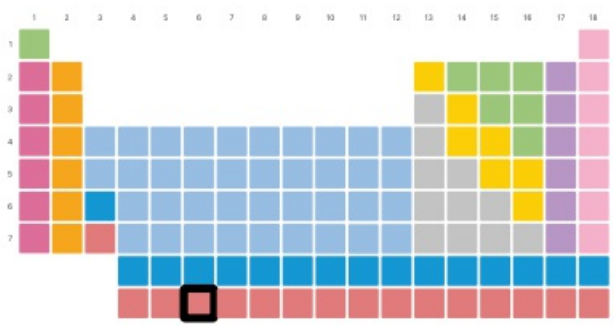


Protactinium

Actinide



Symbol

Pa

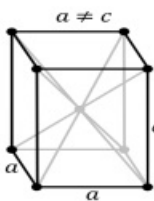
Atomic radius (pm)

180

Phase - Solid



Crystal Structure



Centered Tetragonal

Atomic number

91

Melting Point (K)

1845

History

The element Protactinium was discovered by O. H. Göhring and K. Fajans in year 1913 in Germany and United Kingdom . Protactinium was first isolated by A. von Grosse in 1927 . Protactinium derived its name from the Greek protos, 'first', and actinium, which is produced through the radioactive decay of protactinium.

Appearance

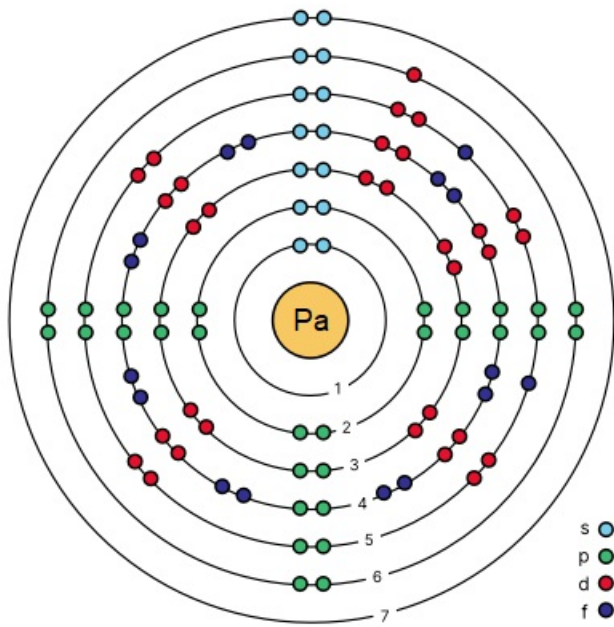
bright, silvery metallic luster

Atomic weight (amu)

231.03

Boiling Point (K)

4273



[Rn] 5f² 6d¹ 7s²
[2, 8, 18, 32, 20, 9, 2]

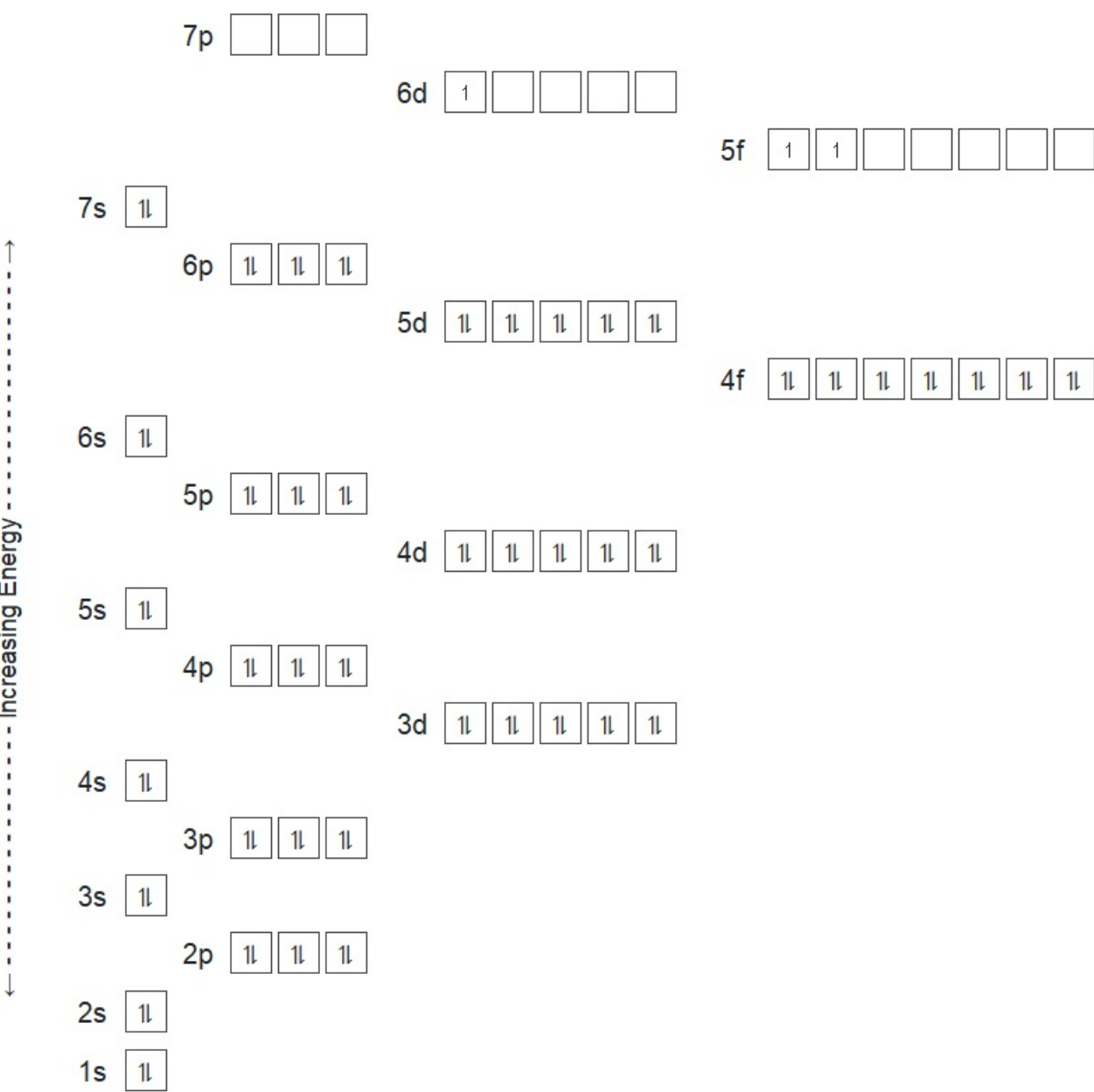
SCHOOLMYKIDS

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Protactinium

Actinide

Electronic Configuration



91 231.03588

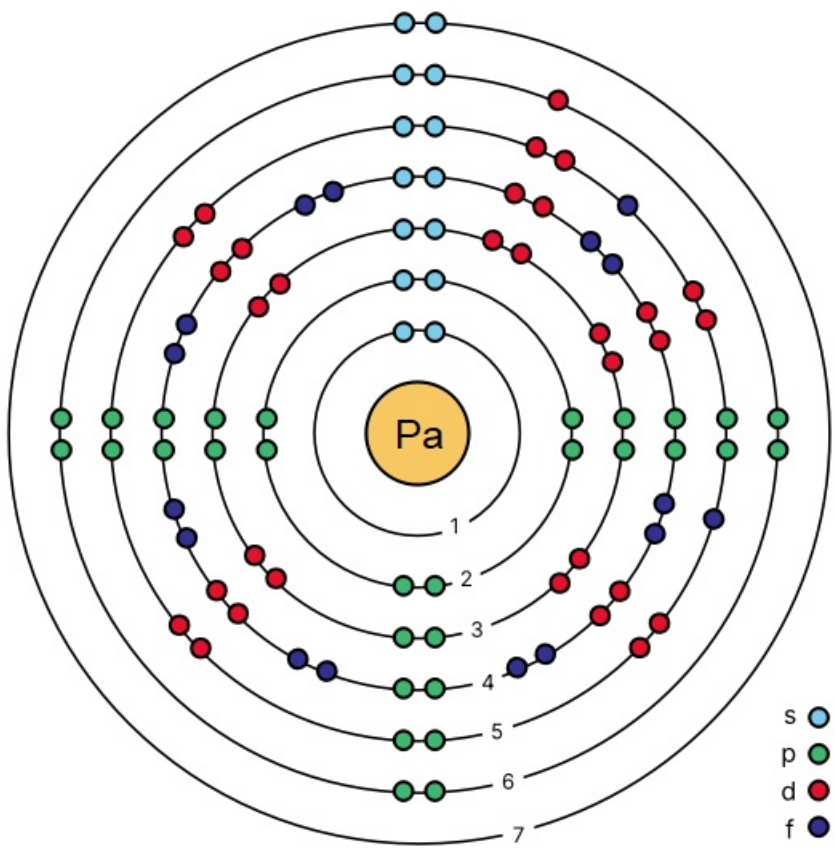
Pa

Protactinium

[Rn] 5f² 6d¹ 7s²



Solid
Centered Tetragonal



[Rn] 5f² 6d¹ 7s²
[2, 8, 18, 32, 20, 9, 2]

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