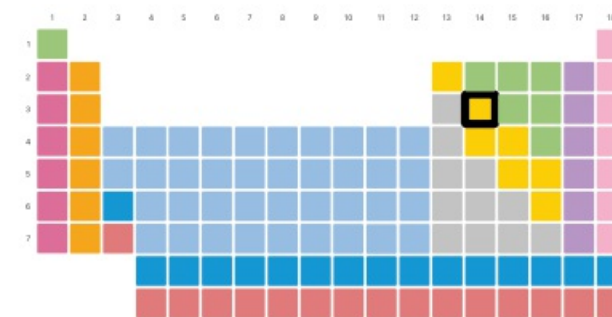


Silicon

Metalloid



Symbol

Si

Atomic number

14

Atomic weight (amu)

28.08

Atomic radius (pm)

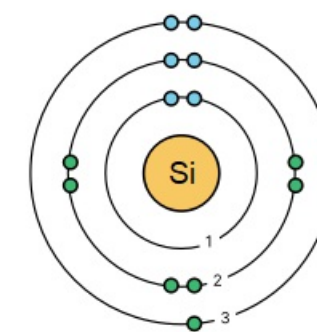
111

Melting Point (K)

1687

Boiling Point (K)

3173

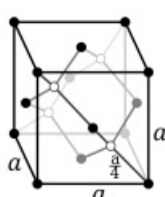


s ●
p ●

Phase - Solid



Crystal Structure



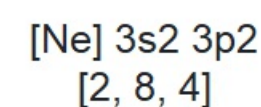
Tetrahedral Packing

History

The element Silicon was discovered by J. Berzelius in year 1823 in Sweden . Silicon was first isolated by J. Berzelius in 1823 . Silicon derived its name from the Latin silex, 'flint' (originally silicium).

Appearance

crystalline, reflective with bluish-tinged faces



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Silicon

Metalloid

14 28.0855

Si

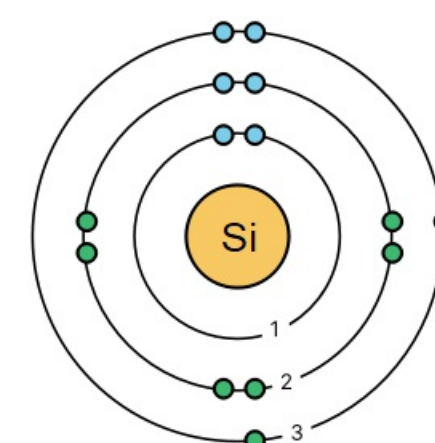
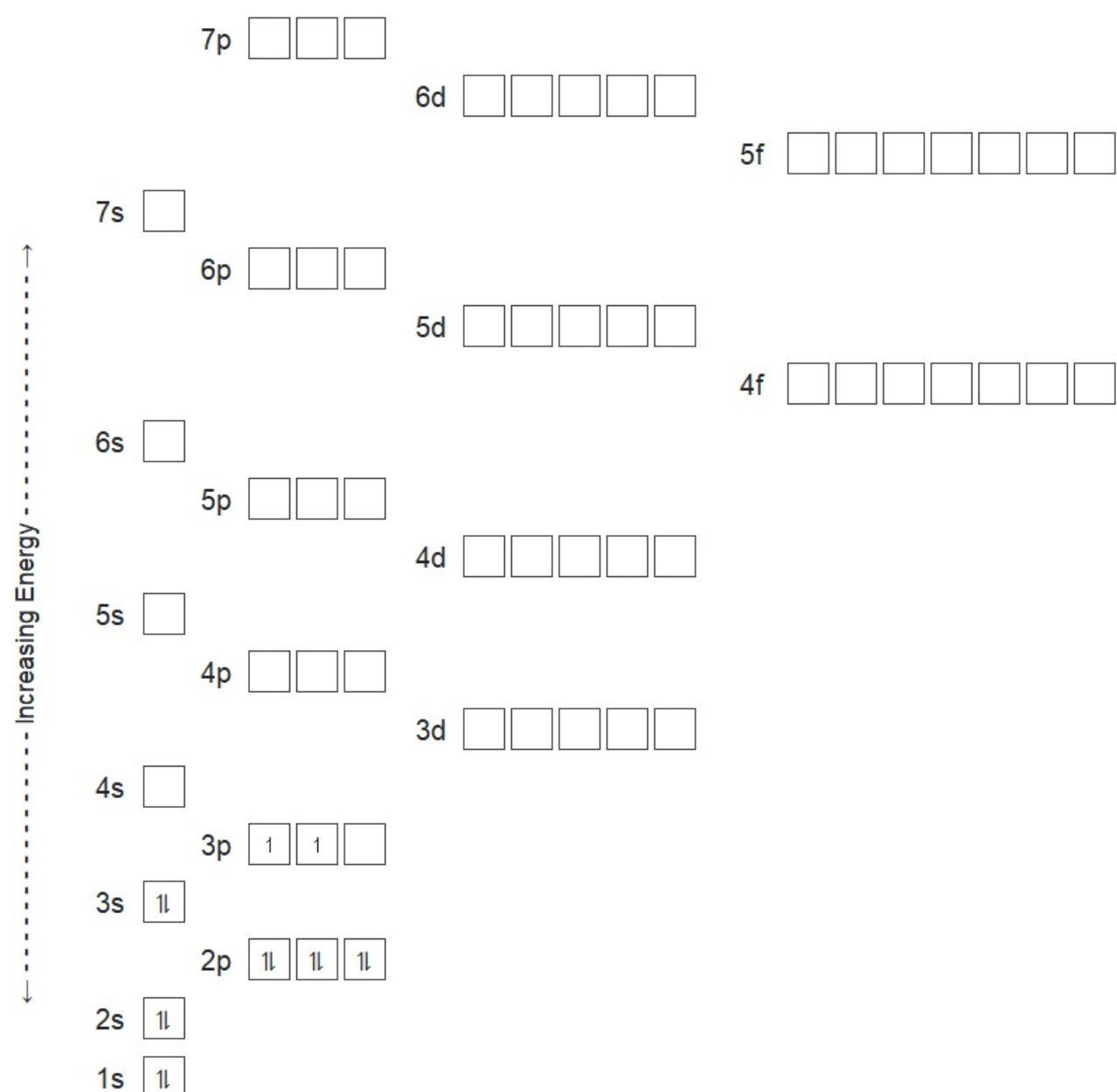
Silicon

[Ne] 3s² 3p²

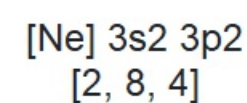
Solid

Tetrahedral Packing

Electronic Configuration



s ●
p ●



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