

Rules for Putting Electrons into Orbitals:

Aufbau Principle

An electron occupies the lowest energy orbital that it can.

Means:

Pauli Exclusion Principle

No two electrons in the same atom can have the same set of 4 quantum numbers

Means:

Hund's Rule

Orbitals of equal energy are each occupied by one electron before any orbital is occupied by a second electron.

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