

Principal Energy Levels

Sublevels

orbitals

Principal Energy Levels	Sublevels	orbitals
1	1s	s - 1
2	2s 2p	s - 1 p - 3
3	3s 3p 3d	s - 1 p - 3 d - 5
4	4s 4p 4d 4f	s - 1 p - 3 d - 5 f - 7
5	5s 5p 5d 5f	s - 1 p - 3 d - 5 f - 7
6	6s 6p 6d	s - 1 p - 3 d - 5
7	7s	s - 1

Principal Energy Levels represent distance from the nucleus.

Sublevels represent shapes of orbitals within Principal Energy Levels

orbitals represent how many of each type of orbital are contained in their respective Sublevels. **ALL ORBITALS CAN HOLD A MAXIMUM OF 2 ELECTRONS.**