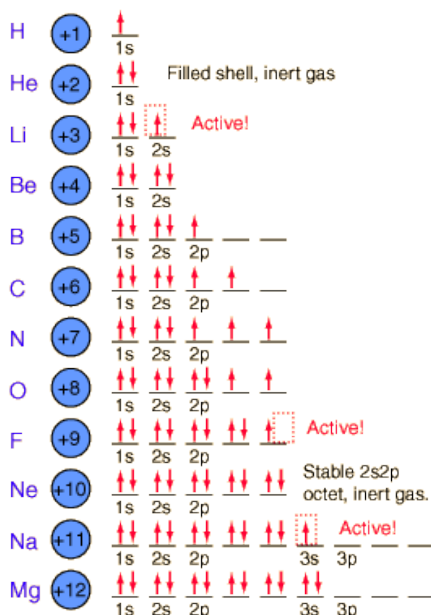


At the beginning, we learned about the “stadium seating” view of chemistry, that electrons will go down to the lowest orbital possible. This is true, but we need to learn that orbitals have different shapes and energies. We first drew all orbitals as circles. This is incomplete info, although very useful for drawing electrons. The Lewis Dot Structure is related to the Bohr model.



H1s																He1s															
Electron Configuration Table																															
Li1Be2																				B1C2N3O4F5Ne											
2s																				←2p→											
Na1Mg2																				Al1Si2P3S4Cl5Ar											
3s																				←3p→											
K1Ca2	Sc1	Ti2	V3	Cr4	Mn5	Fe6	Co7	Ni8	Cu9	Zn10																					
4s		←3d→										Ga1	Ge2	As3	Se4	Br5	Kr														
Rb1	Sr2	Y1	Zr2	Nb3	Mo4	Tc5	Ru6	Rh7	Pd8	Ag9	Cd10	In1	Sn2	Sb3	Te4	I5	Xe														
5s		←4d→										←5p→																			
Cs1	Ba2	La*1	Hf2	Ta3	W4	Re5	Os6	Ir7	Pt8	Au9	Hg10	Tl1	Pb2	Bi3	Po4	At5	Rn														
6s		←5d→										←6p→																			
Fr1	Ra2	+Ac1	Rf2	Ha3																											
7s		←6d→																													

