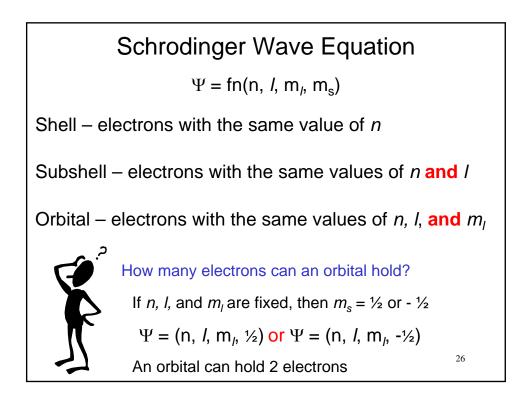
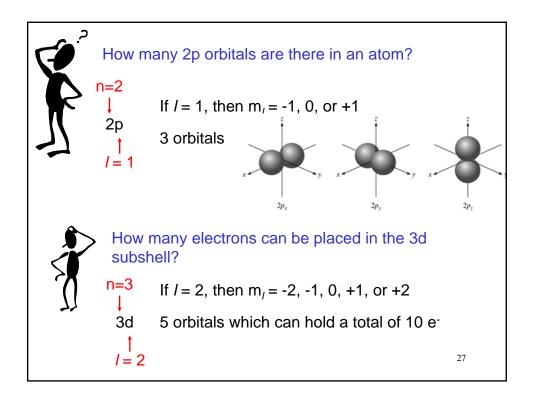
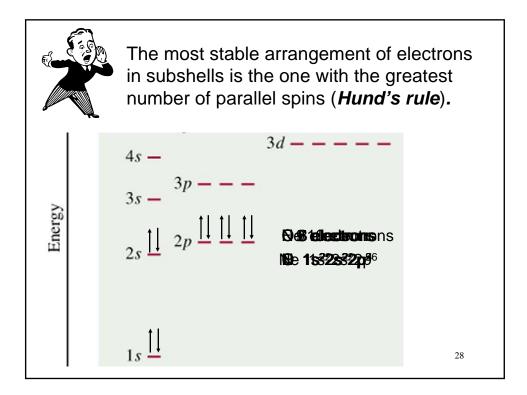
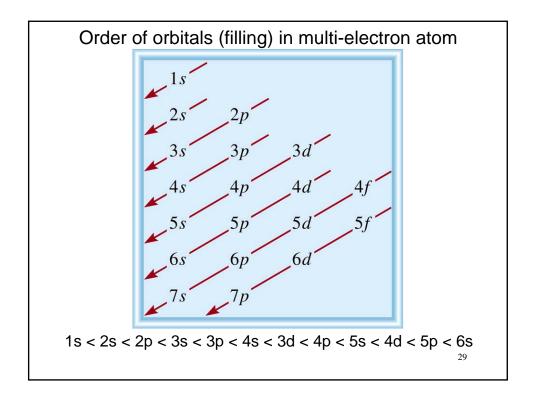


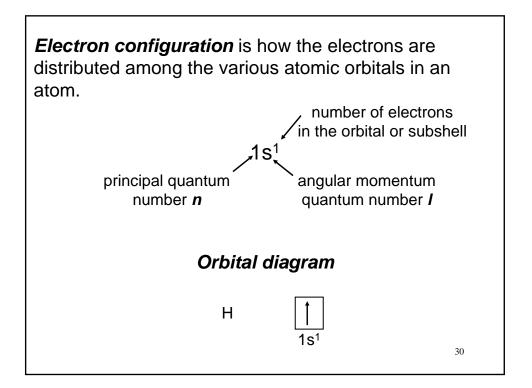
n	l	m _e	Number of Orbitals	Atomic Orbital Designations
1	0	0	1	1 <i>s</i>
2	0	0	1	2 <i>s</i>
	1	-1, 0, 1	3	$2p_x, 2p_y, 2p_z$
3	0	0	1	35
	1	-1, 0, 1	3	$3p_x, 3p_y, 3p_z$
	2	-2, -1, 0, 1, 2	5	$3d_{xy}, 3d_{yz}, 3d_{xz},$
				$3d_{x^2-y^2}, 3d_{z^2}$
		•		

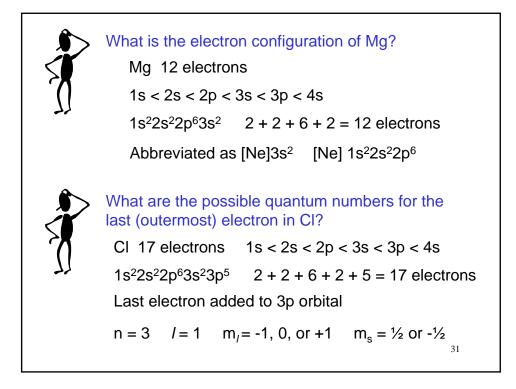












Atomic Number	Symbol	Electron Configuration	Atomic Number	Symbol	Electron Configuration	Atomic Number	Symbol	Electron Configuration
1	н	151	38	Sr	[Kr]5s ²	75	Re	[Xe]6s ² 4f ¹⁴ 5d ⁵
2	He	1s2	39	Y	[Kr]5s24d1	76	Os	[Xe]6s24f145d6
3	Li	[He]2s1	40	Zr	[Kr]5s24d2	77	Ir	[Xe]6s24f145d7
4	Be	[He]2s2	41	Nb	[Kr]5s14d4	78	Pt	[Xe]6s14f145d9
5	в	[He]2s22p1	42	Mo	[Kr]5s14d5	79	Au	[Xe]6s14f145d10
6	С	[He]2s ² 2p ²	43	Tc	[Kr]5s24d5	80	Hg	[Xe]6s24f145d10
7	N	[He]2s ² 2p ³	44	Ru	[Kr]5s14d7	81	п	[Xe]6s24f145d106p
8	0	[He]2s22p4	45	Rh	[Kr]5s14d8	82	Pb	[Xe]6s24f145d106p
9	F	[He]2s22p5	46	Pd	[Kr]4d ¹⁰	83	Bi	[Xe]6s24f145d106p
10	Ne	[He]2s22p6	47	Ag	[Kr]5s14d10	84	Po	[Xe]6s24f145d106p
11	Na	[Ne]3s1	48	Cd	[Kr]5s24d10	85	At	[Xe]6s24f145d106p
12	Mg	[Ne]3s2	49	In	[Kr]5s24d105p1	86	Rn	[Xe]6s24f145d106p
13	AL	[Ne]3s23p1	50	Sn	[Kr]5s24d105p2	87	Fr	[Rn]7s1
14	Si	[Ne]3s ² 3p ²	51	Sb	[Kr]5s24d105p3	88	Ra	[Rn]7s2
15	Р	[Ne]3s ² 3p ³	52	Te	[Kr]5s24d105p4	89	Ac	[Rn]7s26d1
16	S	[Ne]3s ² 3p ⁴	53	1	[Kr]5s24d105p5	90	Th	[Rn]7s26d2
17	CI	[Ne]3s23p5	54	Xe	[Kr]5s24d105p6	91	Pa	[Rn]7s25f26d1
18	Ar	[Ne]3s23p6	55	Cs	[Xe]6s1	92	U	[Rn]7s25f36d1
19	к	[Ar]4s ¹	56	Ba	[Xe]6s2	93	Np	[Rn]7s25f46d1
20	Ca	[Ar]4s2	57	La	[Xe]6s25d1	94	Pu	[Rn]7s25f6

