








EBC Concepts Unit 2

	n=	type	shape	# orbitals
① Summary of orbitals	1		sphere	1
	2		dumbbell	1, 3
	3		clover	1, 3, 5

	n=	type	#e ⁻ /orbital	#e ⁻ /n
② Summary of orbitals	1		2e ⁻	2e ⁻
	2		2e ⁻ , 6e ⁻	8e ⁻
	3		2e ⁻ , 6e ⁻ , 10e ⁻	18e ⁻

③ Bohr	name	picture	correct	incor	Exp
	planetary		#e ⁻ energy levels	particle nature	H-Line emission

④ Absorption of Energy



⑤ Emission of energy



⑥ Energy comparison of shells

$$1 < 2 < 3 < 4$$

⑦ Energy comparison of subshells

$$s < p < d < f$$

⑧ Bohr Model of Aluminum



9 Electron configuration of phosphorous

