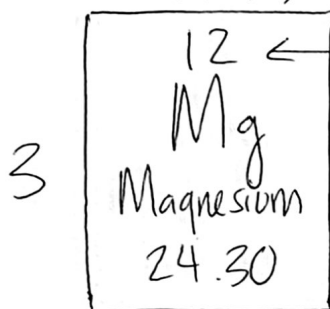


Noteset 4A In-Class Notes

Inner and valence electrons

2A(2)

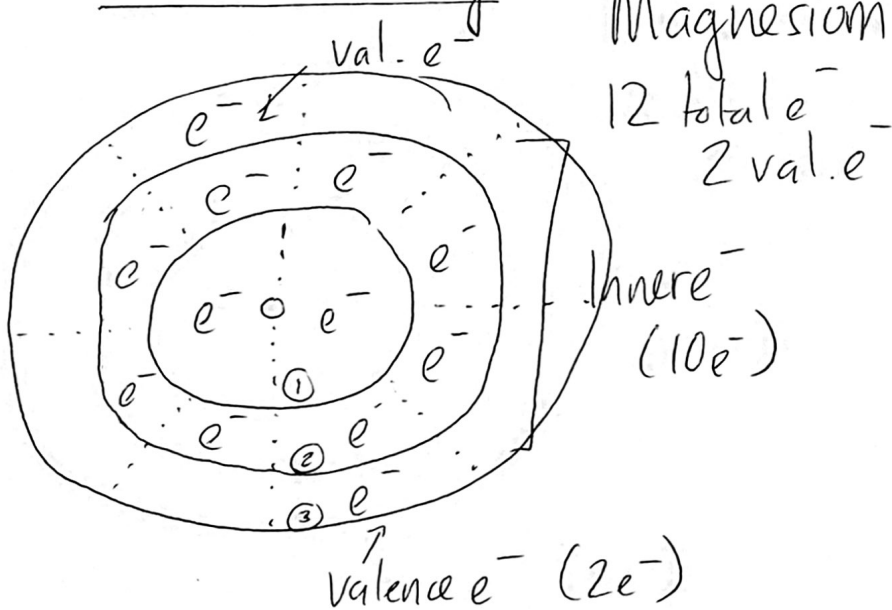


Atomic #
(p^+ and e^-)

Total $e^- = 12$

Valence $e^- = 2$ Inner $e^- = 10$

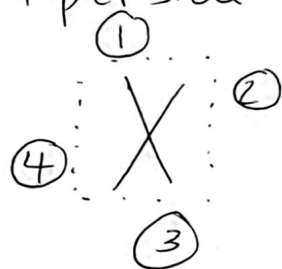
Electron Filling



Valence e^- / Lewis Dot Structures

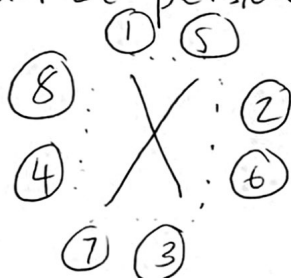
e^- : 1-4

1 per side



5-8

pair 2 e^- per side



Valence Electrons

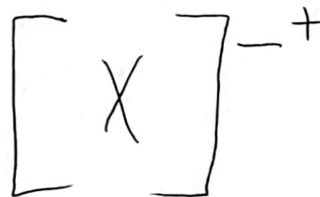
group	Val e^-	Charge
1A(1)	1	+1
2A(2)	2	+2
3A(13)	3	+3
4A(14)	4	+4/-4
5A(15)	5	-3
6A(16)	6	-2
7A(17)	7	-1
8A(18)	8	0

Electron Filling

period	Val e^-	Total
1	2	2
2	8	8
3	8	18
4	8	32
5	8	32
6	8	32
7	8	32

Ions

cation



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