

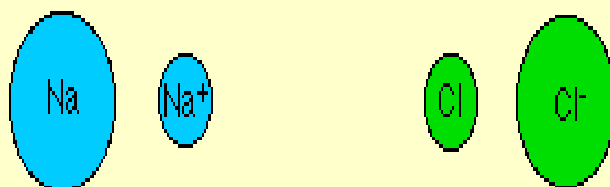
Nov 7-2:49 PM

Does Na<sup>+</sup> achieve a noble gas configuration?

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Nov 13-6:50 AM

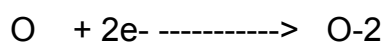
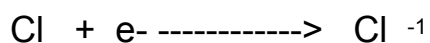
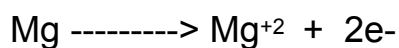
Ions aren't the same size as the atoms they come from. Compare the sizes of sodium and chloride ions with the sizes of sodium and chlorine atoms.



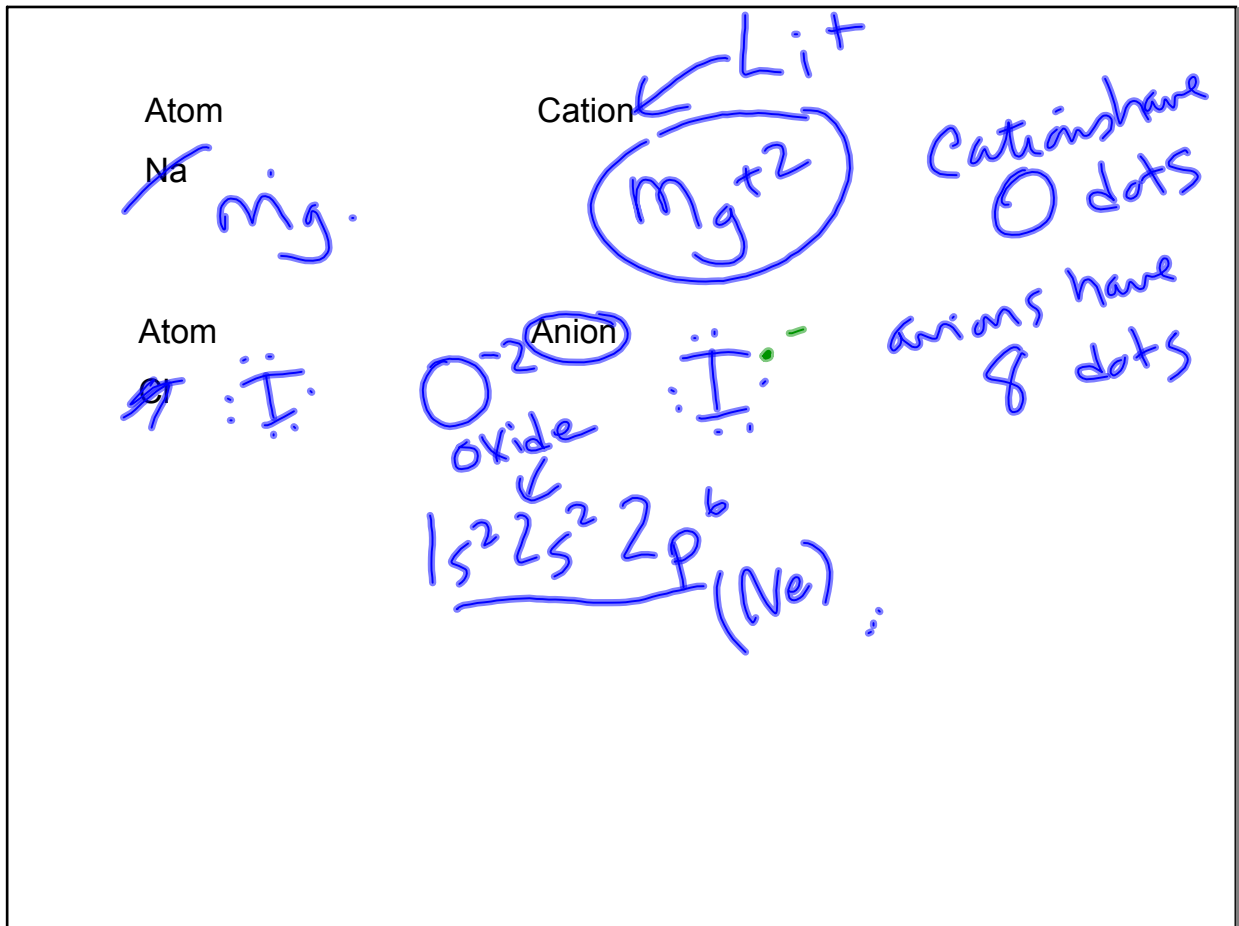
Nov 9-6:56 AM

### IONIZATION USING e<sup>-</sup> DOT NOTATION

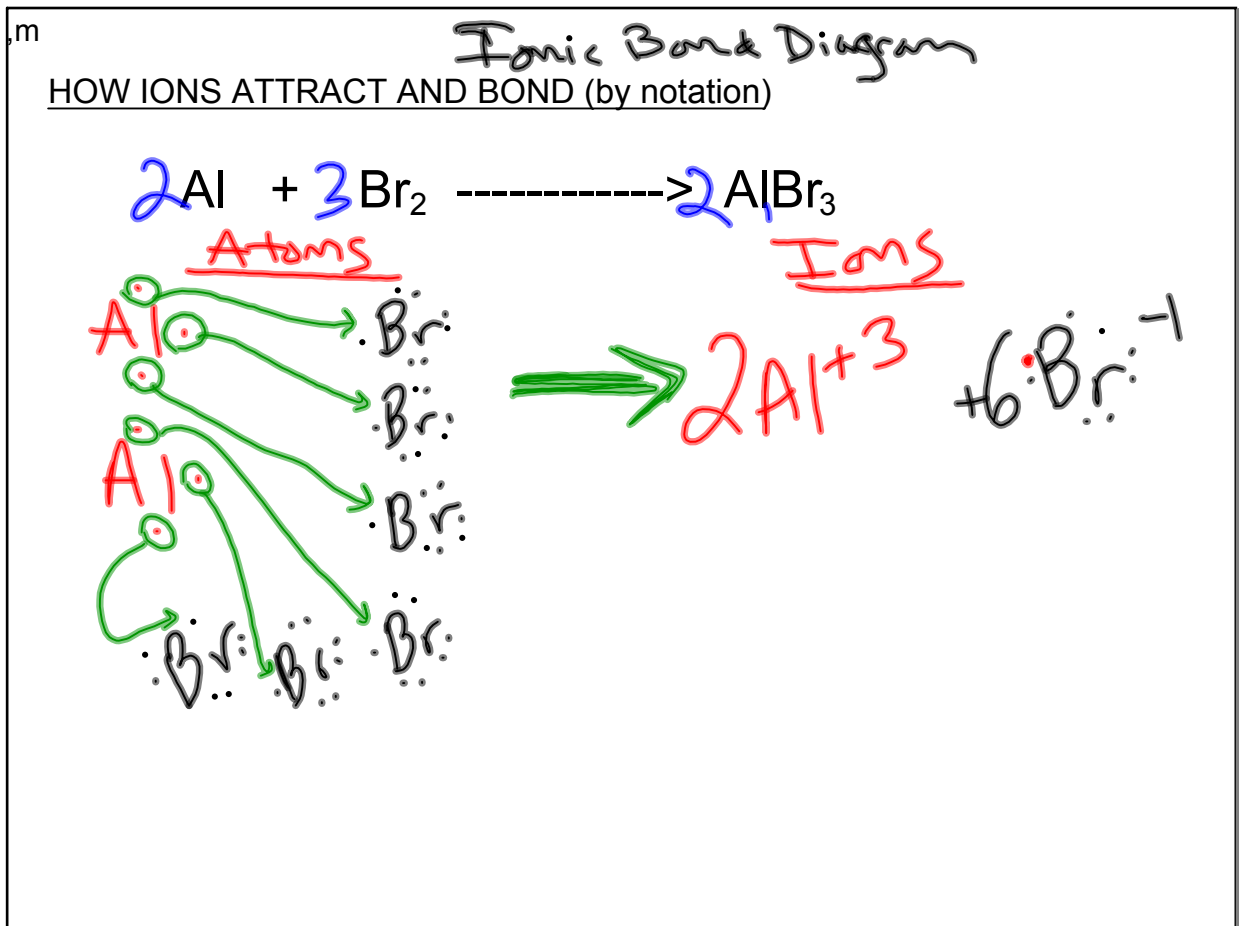
(half-reactions are used to help understand ionic bonding)



Nov 7-2:52 PM



Nov 12-7:04 AM



Nov 7-2:53 PM



(Date) Electron Dot Diagram Lab

①  $\underline{4}K + \underline{1}O_2 \rightarrow \underline{2}K_2O$   
IONIC BOND DIAGRAM

②  $\underline{2}Al + \underline{3}Cl_2 \rightarrow \underline{2}AlCl_3$   
IONIC BOND DIAGRAM

③  $\underline{1}Mg + \underline{1}Br_2 \rightarrow \underline{1}MgBr_2$   
IONIC BOND DIAGRAM

④  $\underline{1}Zn + \underline{1}Cl_2 \rightarrow \underline{1}ZnCl_2$   
IONIC BOND DIAGRAM

⑤  $\underline{2}Cu + \underline{1}I_2 \rightarrow \underline{2}CuI$   
IONIC BOND DIAGRAM

Nov 12-7:36 AM

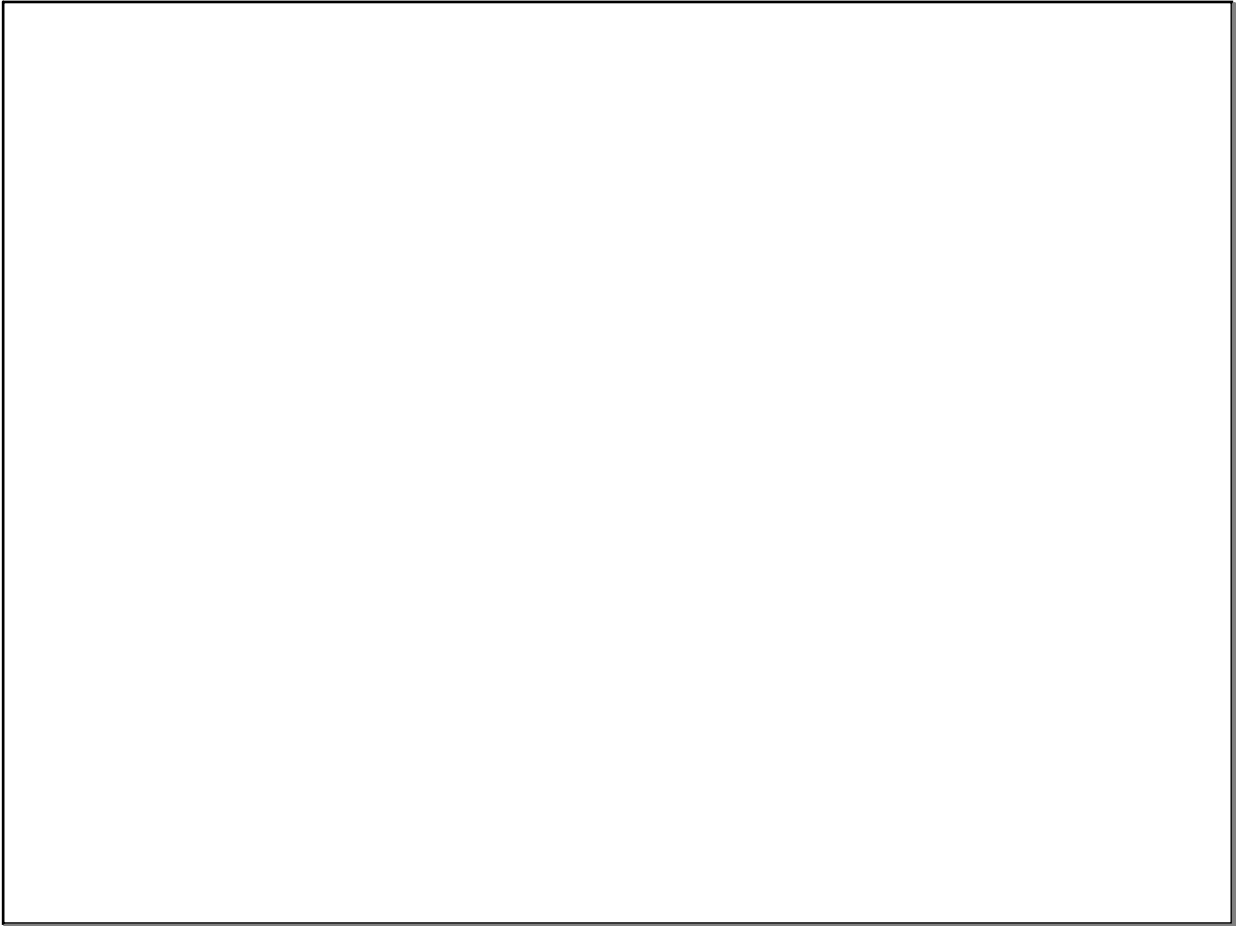
electron dot structures

Theory: Octet Rule  
Law of Definite Proportions (define)

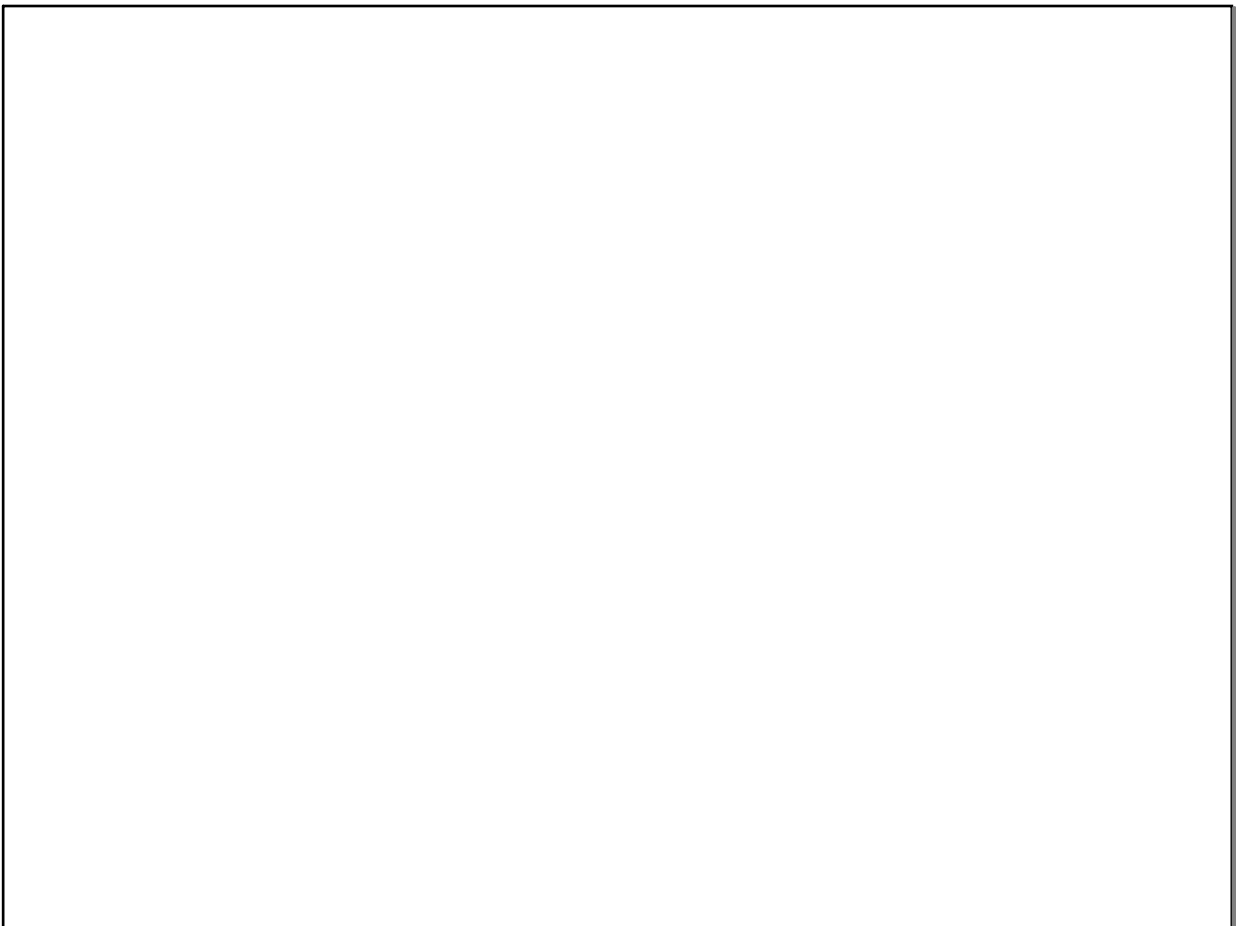
Date:  
look on previous slide

Do Discussion and Conclusion after your  
are finished with diagrams.

Nov 5-7:24 AM



Nov 5-10:59 AM



Nov 12-10:46 AM