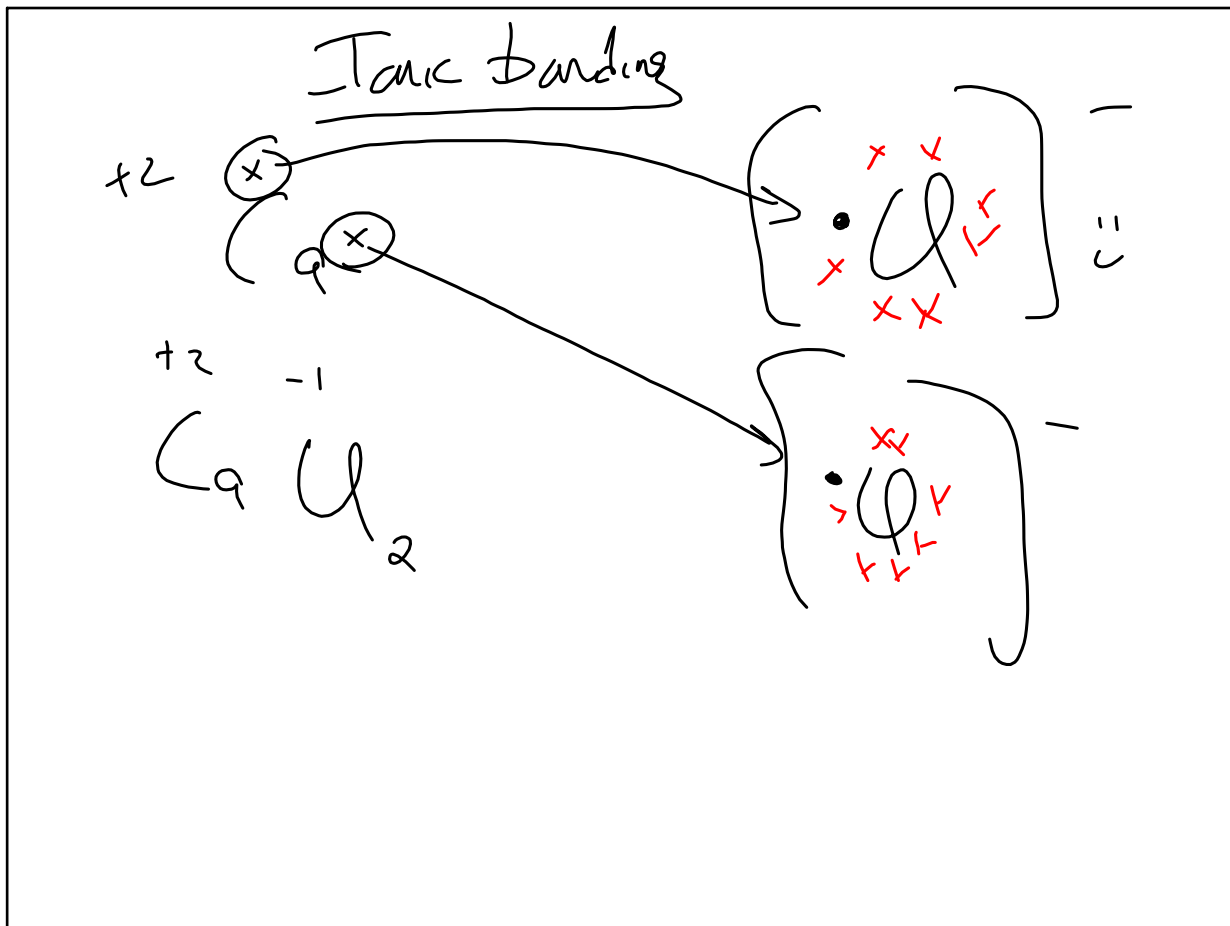
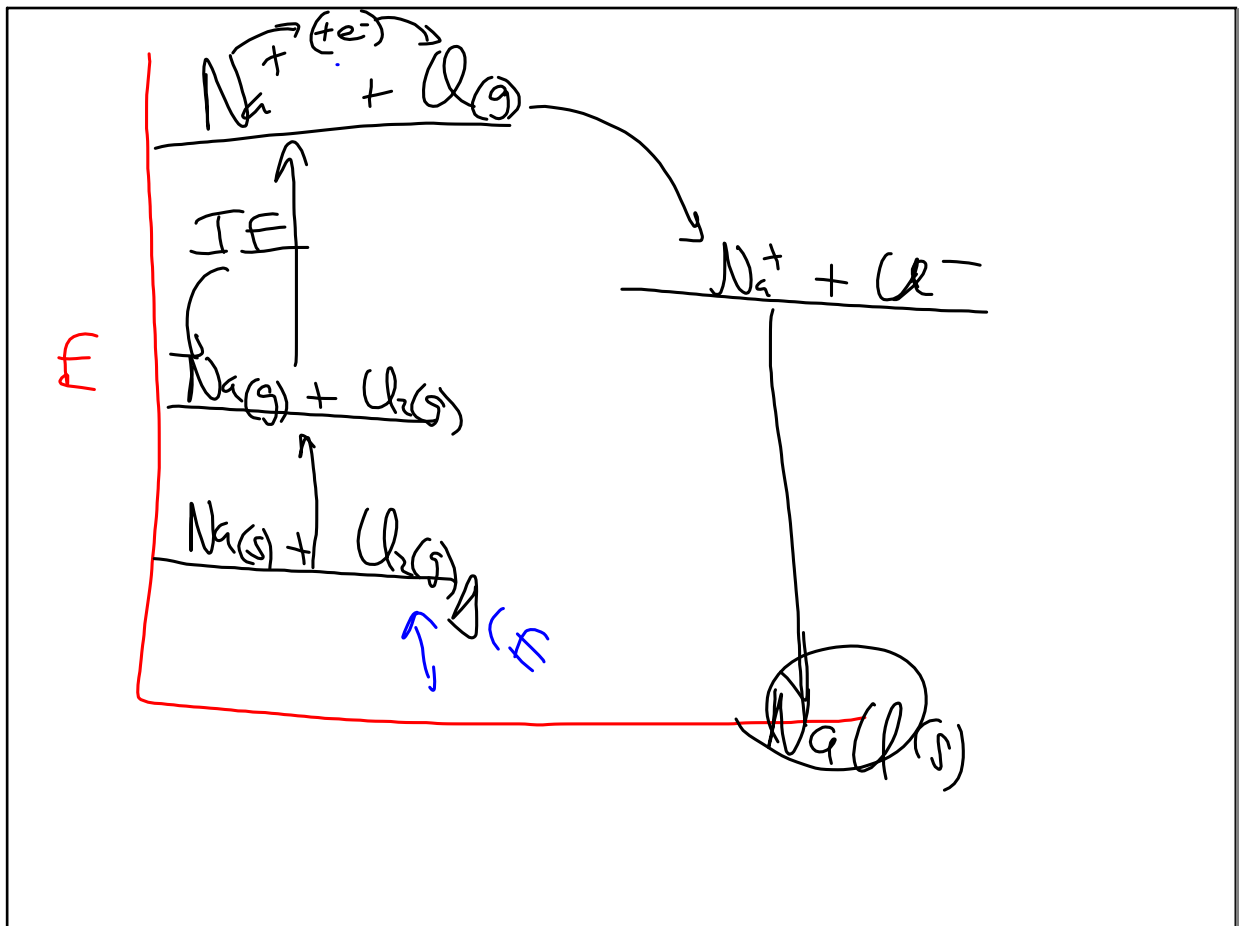
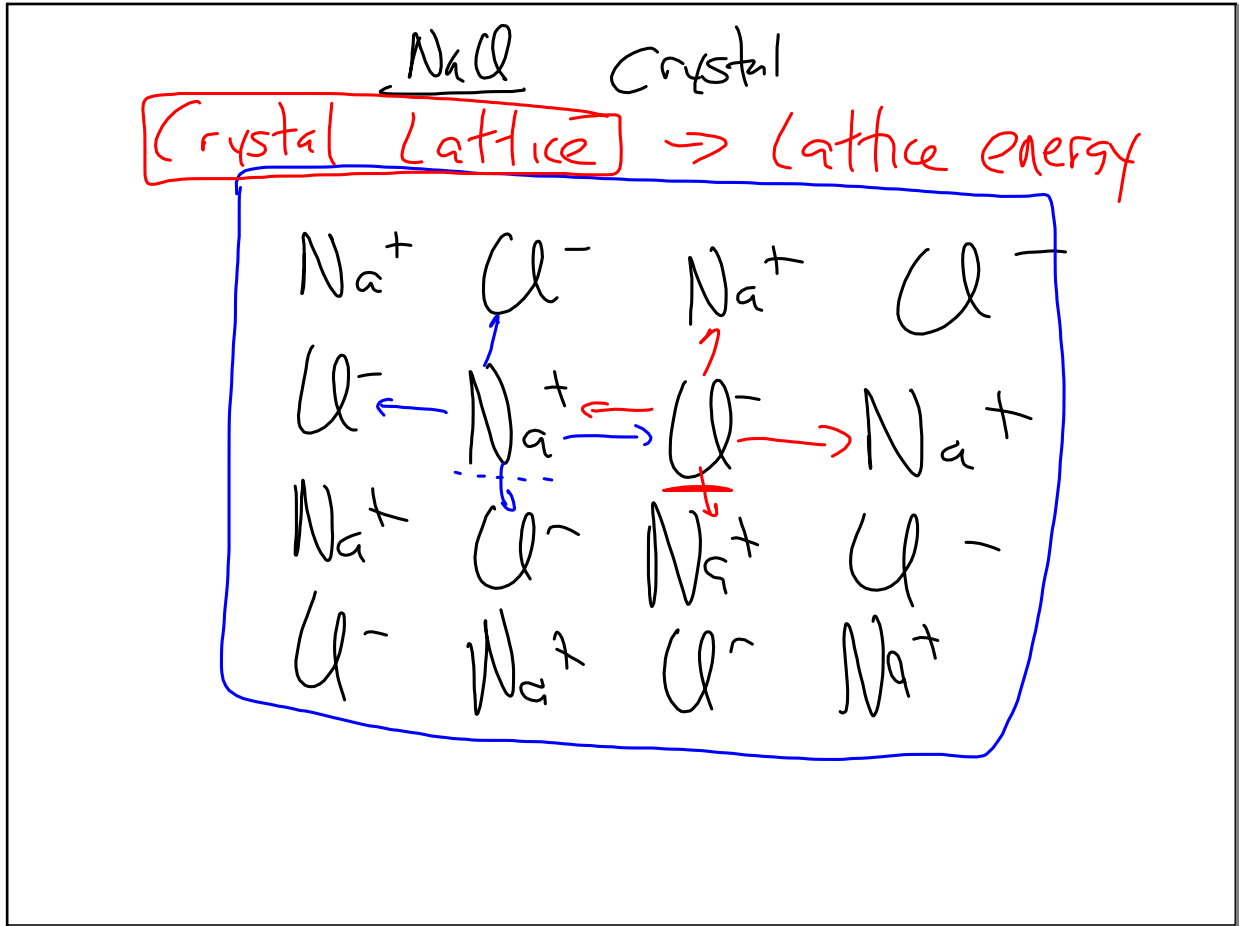


Nov 16-8:04 AM



Nov 16-8:05 AM



Covalent Bonding  
electronegativity

POLAR

H - F

Non Polar

Cl - Cl

F highest eneg

Most active NM  
gain e-  
Smallest RADIUS

Nov 16-8:23 AM

eneg differences

High

→ Low

POLAR

Small RADIUS

Large dipole moment

→

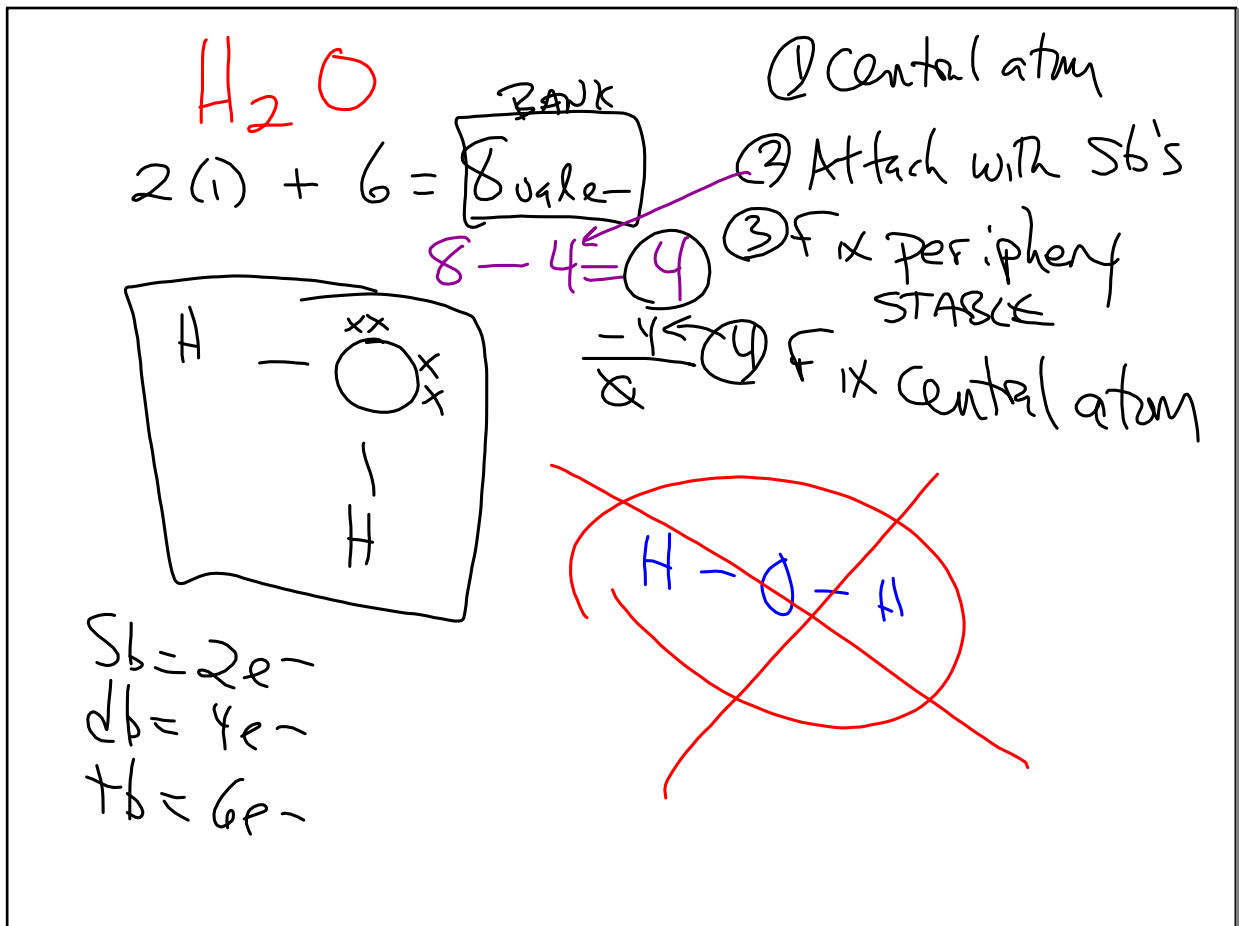
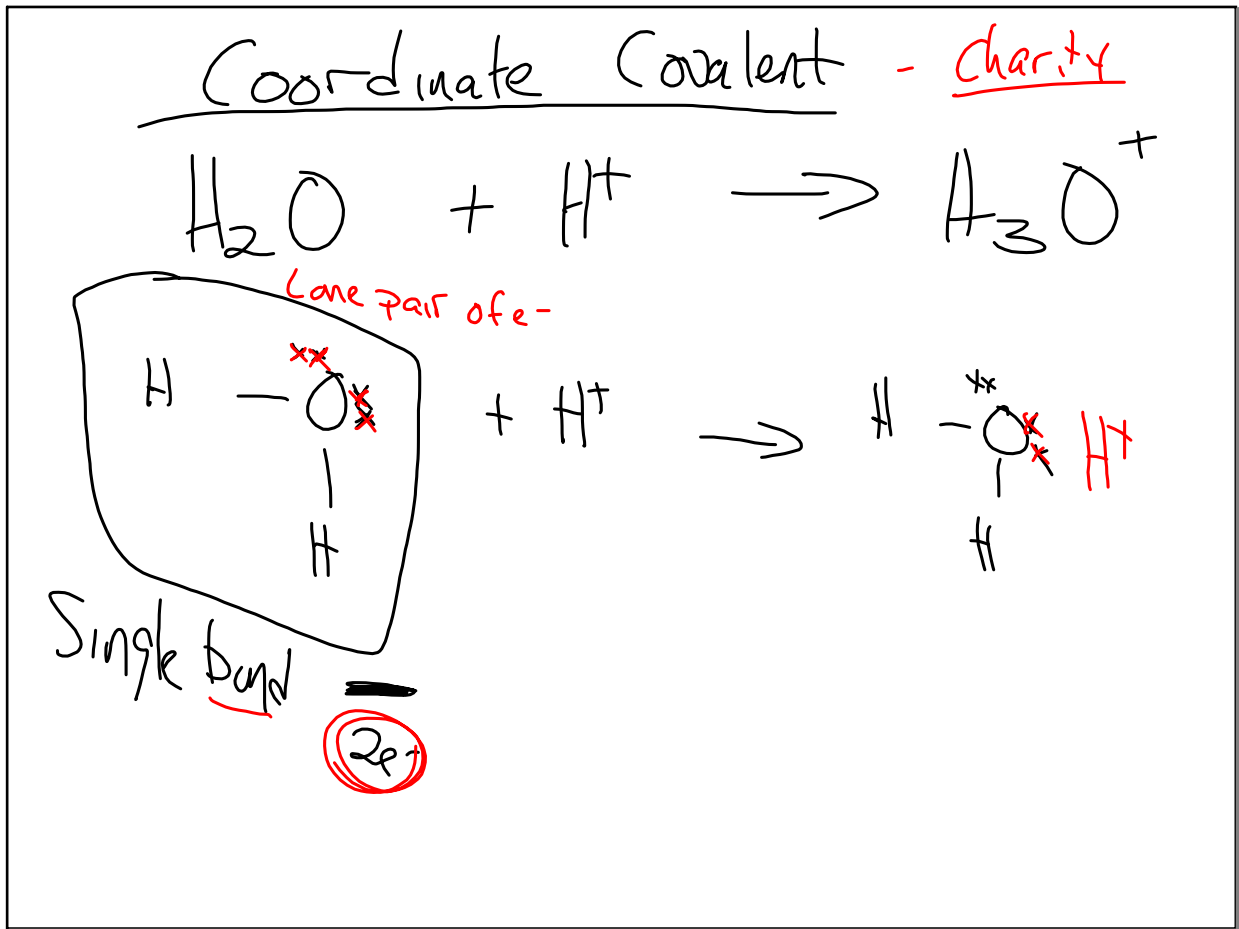
Large RADIUS

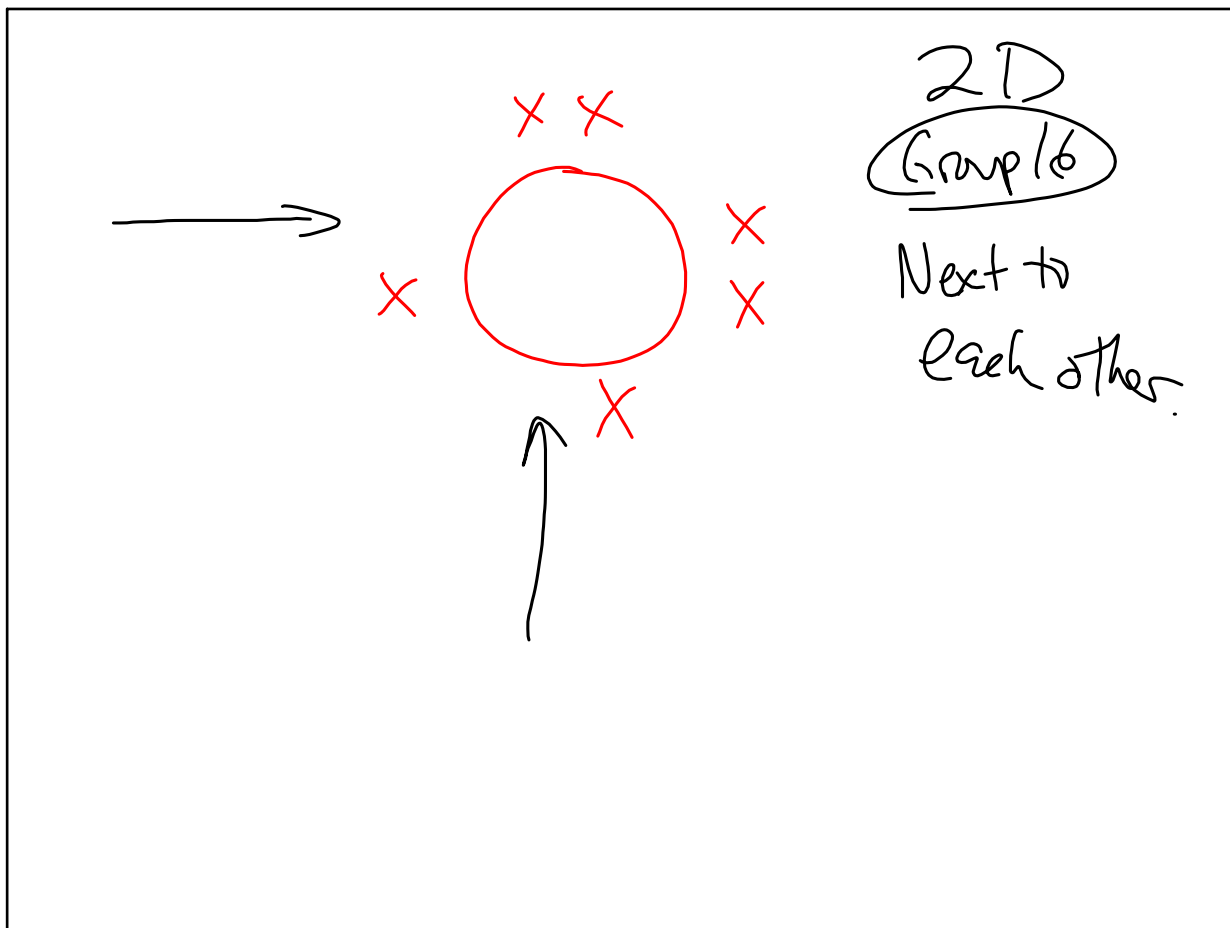
Low dipole moment

Non Polar

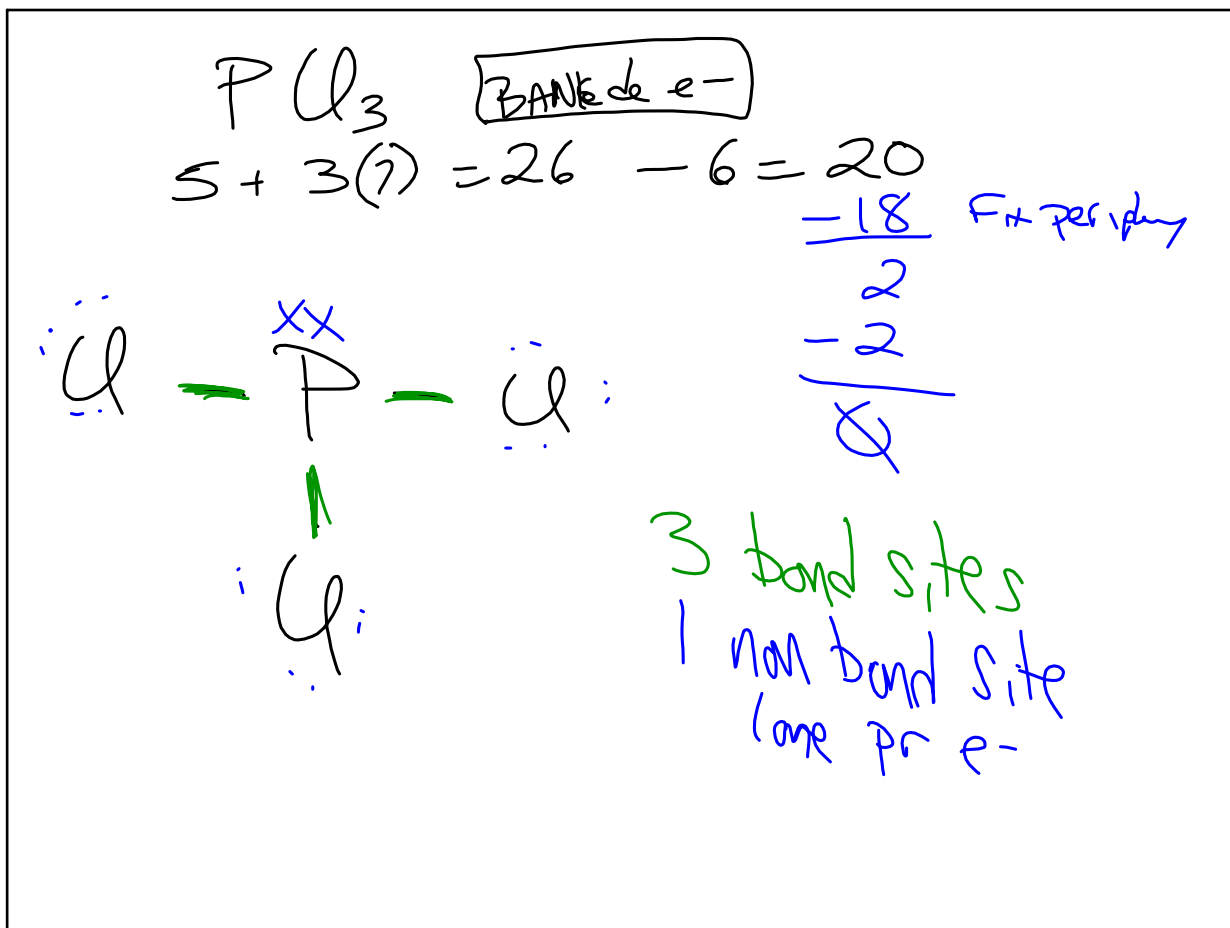
∅

Nov 16-8:44 AM





Nov 16-9:01 AM



Nov 16-9:02 AM

$O_2$   
 $2(6) = 12$   
 valence  
 ↙

xx  
O  
xy

xy  
O  
xx

**USEPR**  
 repel

xx  
O  
xx

xx  
O  
xx

12 TOTAL  
 $\frac{12}{2}$   
 $\frac{10}{10}$   
 $\frac{-10}{x}$

\* NOT enough -  
 a) try =  
 b) try =

e<sup>-</sup> density

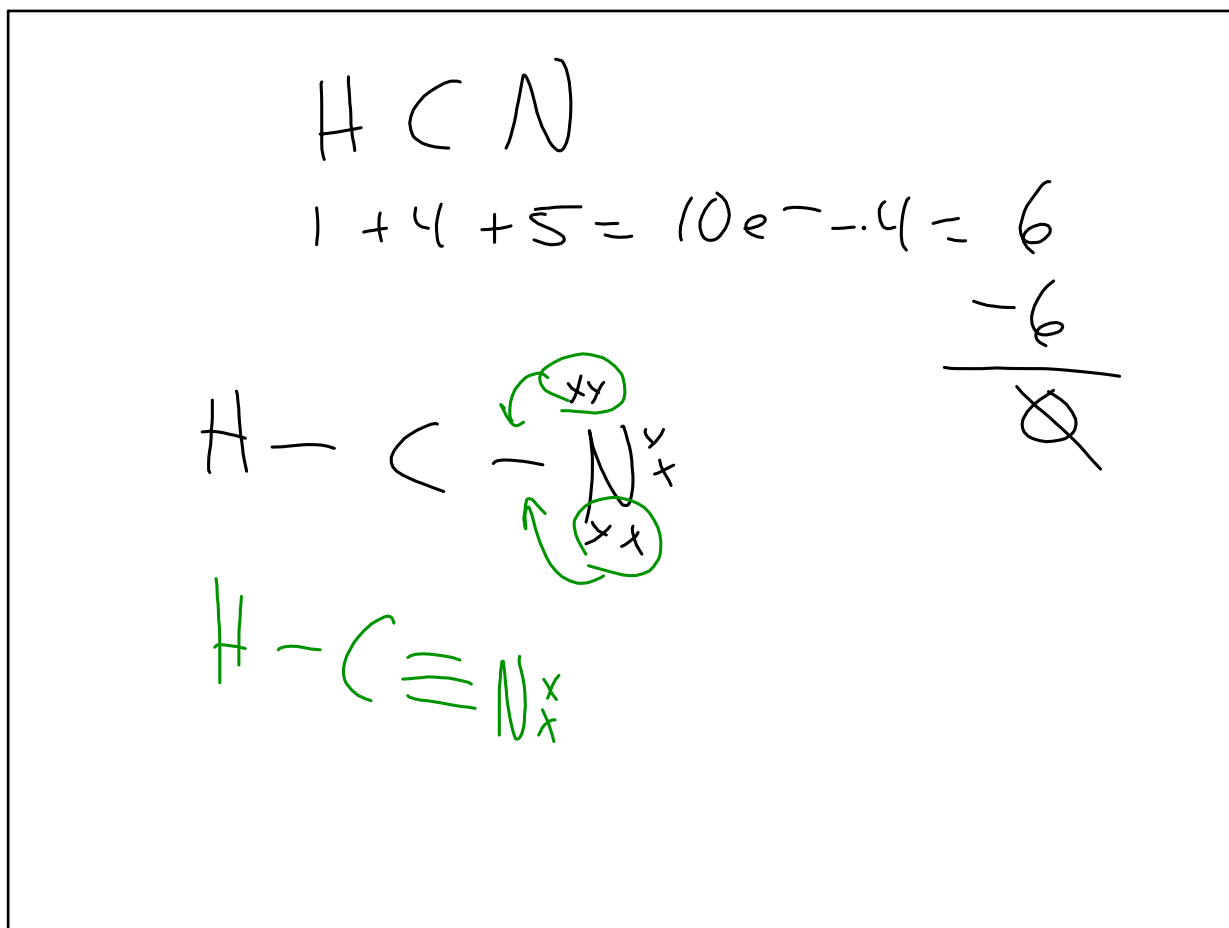
Nov 16-9:08 AM

120  
120  
120  
120

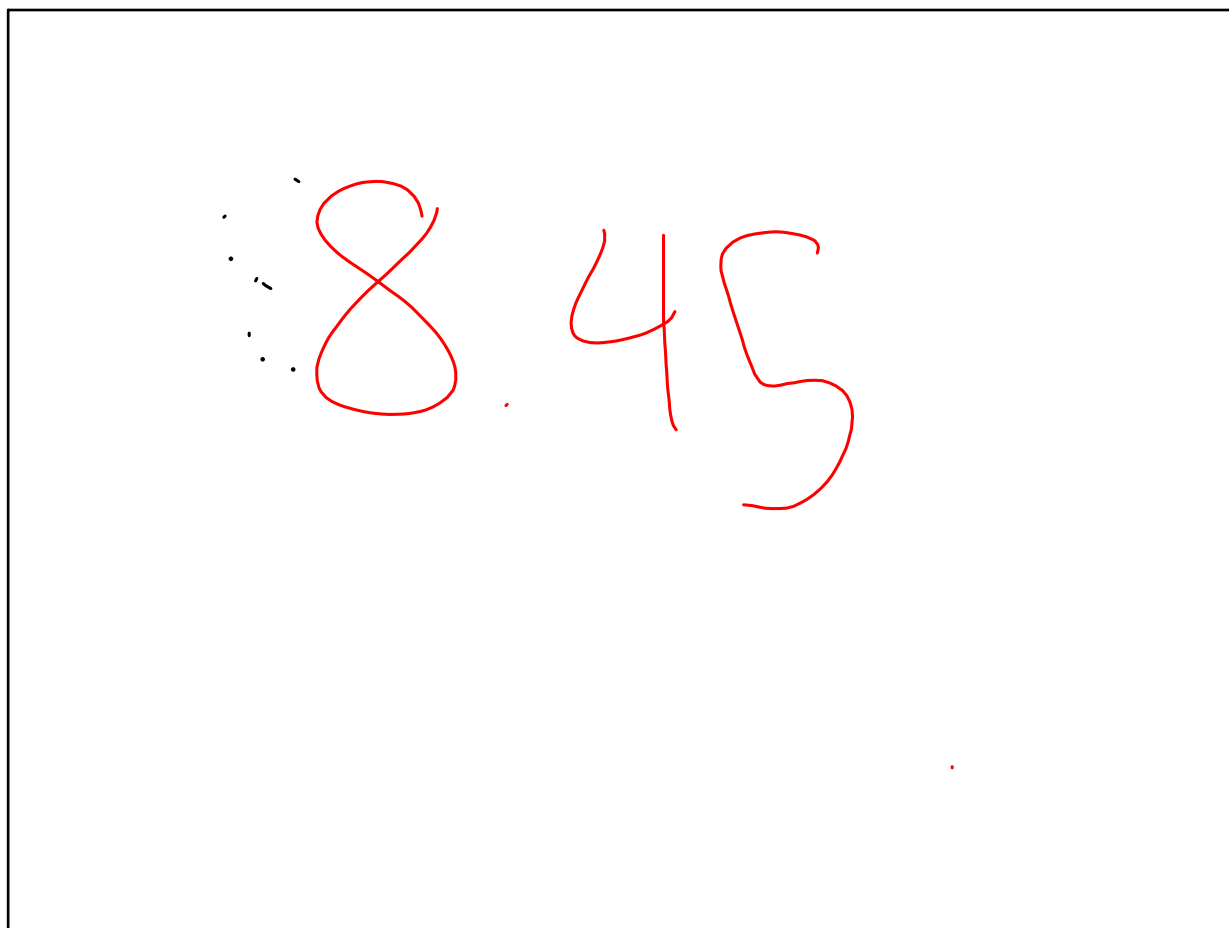
4e-  
>120  
>120  
2e- <120 2e-

USEPR

Nov 16-9:14 AM



Nov 16-9:15 AM



Nov 16-9:18 AM