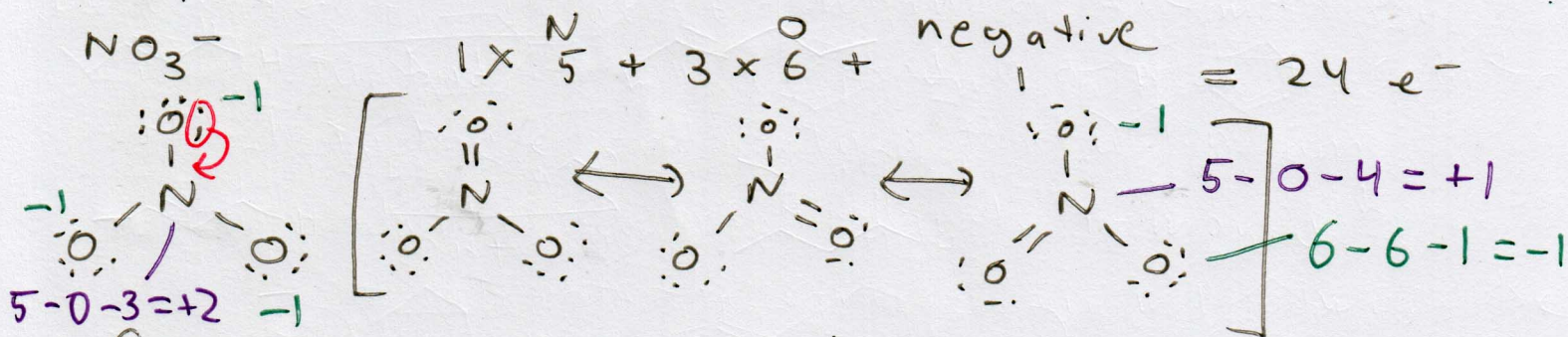
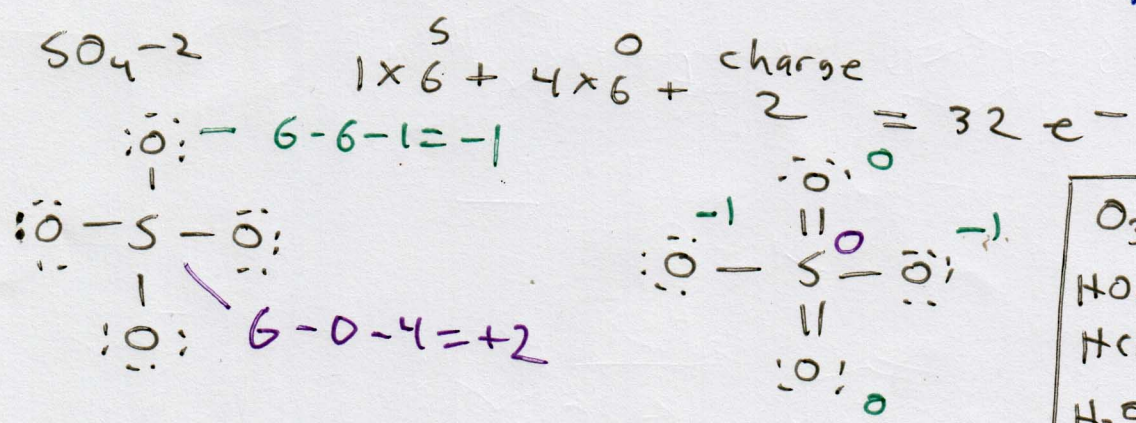
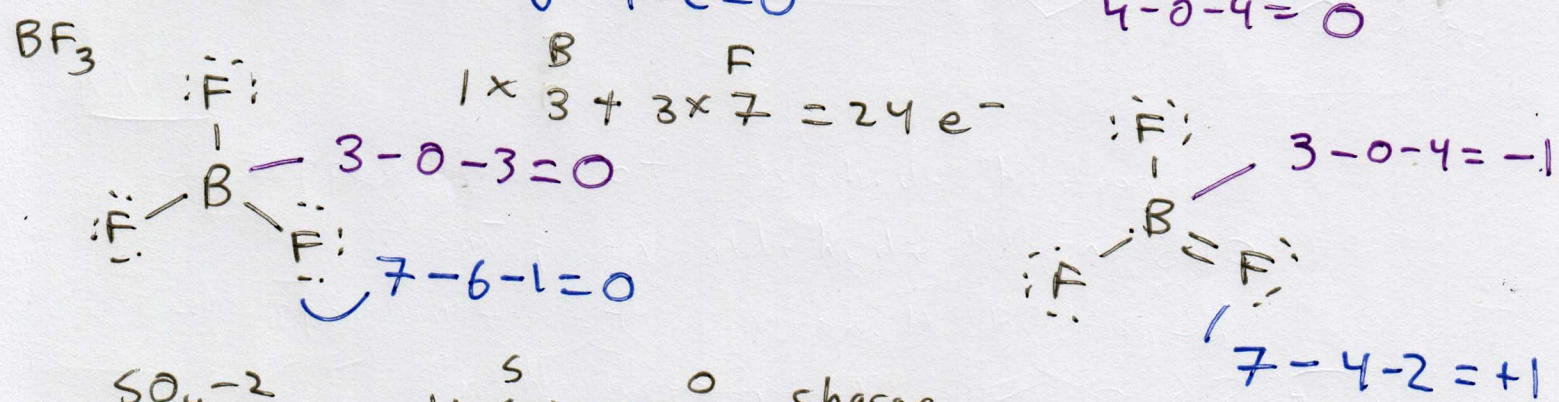
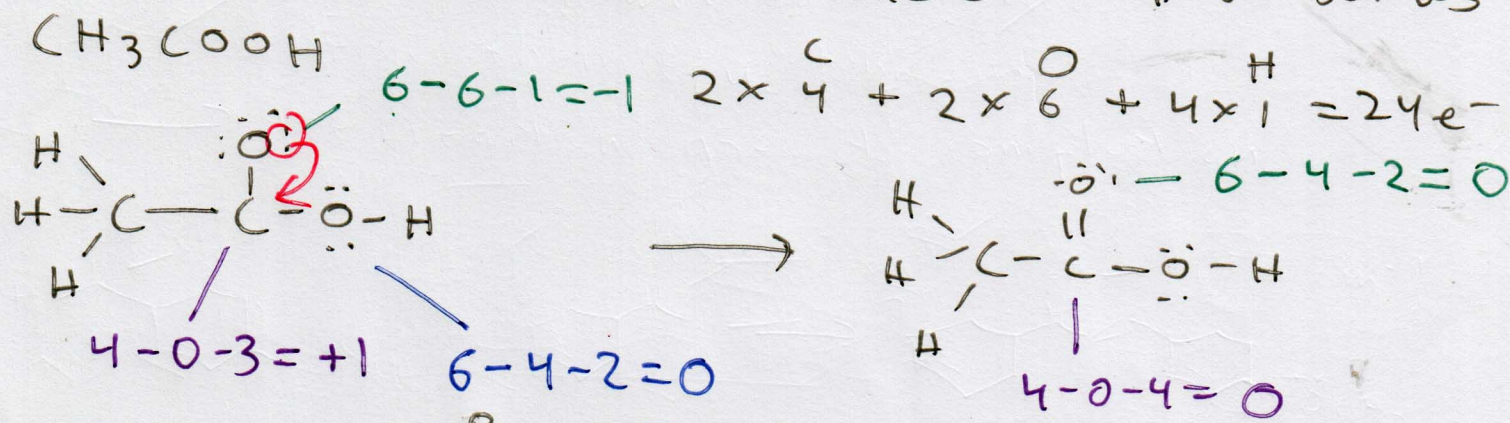


5/2/19



formal charge - a comparison between how many electrons an atom has in its unreacted state versus how many it has when part of a molecule.

$FC = \# \text{ valence } e^- - \# \text{ lone } e^- - \# \text{ of bonds}$



$\text{O}_3$	O	O	O	
$\text{HOCl}$	H	O	Cl	
$\text{HCN}$	H	C	N	
$\text{H}_2\text{O}_2$	H	O	O	H
$\text{H}_2\text{CO}$	H	C	O	
	H			

