

<p style="text-align: center;"><u>H + element</u></p> <p>hydro <u> </u>-ic acid</p> <p style="margin-left: 40px;">↑ part of name except sulfur (full name)</p> <hr style="border: 0.5px wavy black;"/> <p style="text-align: center;"><u>Sulfuric acid</u></p> <p style="margin-left: 40px;">(Sulfate) ⊖</p> <p style="margin-left: 40px;">SO₄</p> <hr style="border: 0.5px wavy black;"/> <p style="text-align: center;"><u>Hydro-sulfuric acid</u></p>	<p style="text-align: center;"><u>H + Polyatomic ion</u></p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid red; border-radius: 50%; padding: 5px; margin-right: 10px;"> ATE ITE </div> <div style="font-size: 2em; margin-right: 10px;">⇌</div> <div style="border: 1px solid blue; border-radius: 50%; padding: 5px;"> IC OUS </div> </div> <p style="margin-left: 40px; color: red;">Polyatomic ending</p> <p style="margin-left: 40px; color: blue;">Acid name ending</p> <hr style="border: 0.5px wavy black;"/> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> $H_2\overset{+1}{S}\overset{-2}{O_4}$ </div> </div> <hr style="border: 0.5px wavy black;"/> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center;"> $H_2\overset{+1}{S}$ </div> </div>
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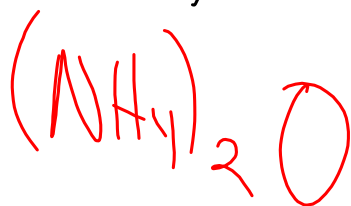
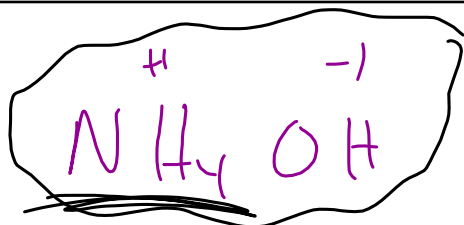
Nov 16-8:30 AM

$H_2\overset{+1}{C}\overset{-2}{O_3}$
Carbonic acid

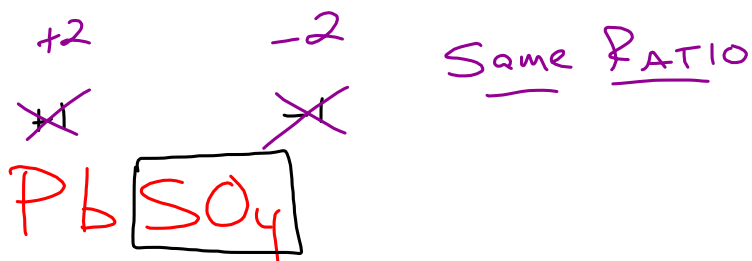
$H_2O + CO_2 \rightarrow H_2CO_3$

Sulfite

Nov 16-9:04 AM



Nov 16-9:09 AM



Nov 16-9:22 AM

Molecular Compounds

Molecular formula \rightarrow not reduced (empirical)

1	<u>ORGANIC</u>	1 ^o element is <u>C</u>
2	mono	Start with \rightarrow
3	di-	
4	tri-	
5	tetra-	CO_4 Carbon tetra chloride
	penta-	

Nov 16-9:28 AM

NM bonding to NM

SiO_2

$\overset{+1}{N} \overset{-1}{O}$ Nitrogen monoxide
Nitrogen (II) oxide

$\overset{+4}{N_2} \overset{-2}{O_4} \rightarrow$ di nitrogen tetra oxide
Nitrogen (IV) oxide

Nov 16-9:31 AM



phosphorus tribromide

Nov 16-9:37 AM