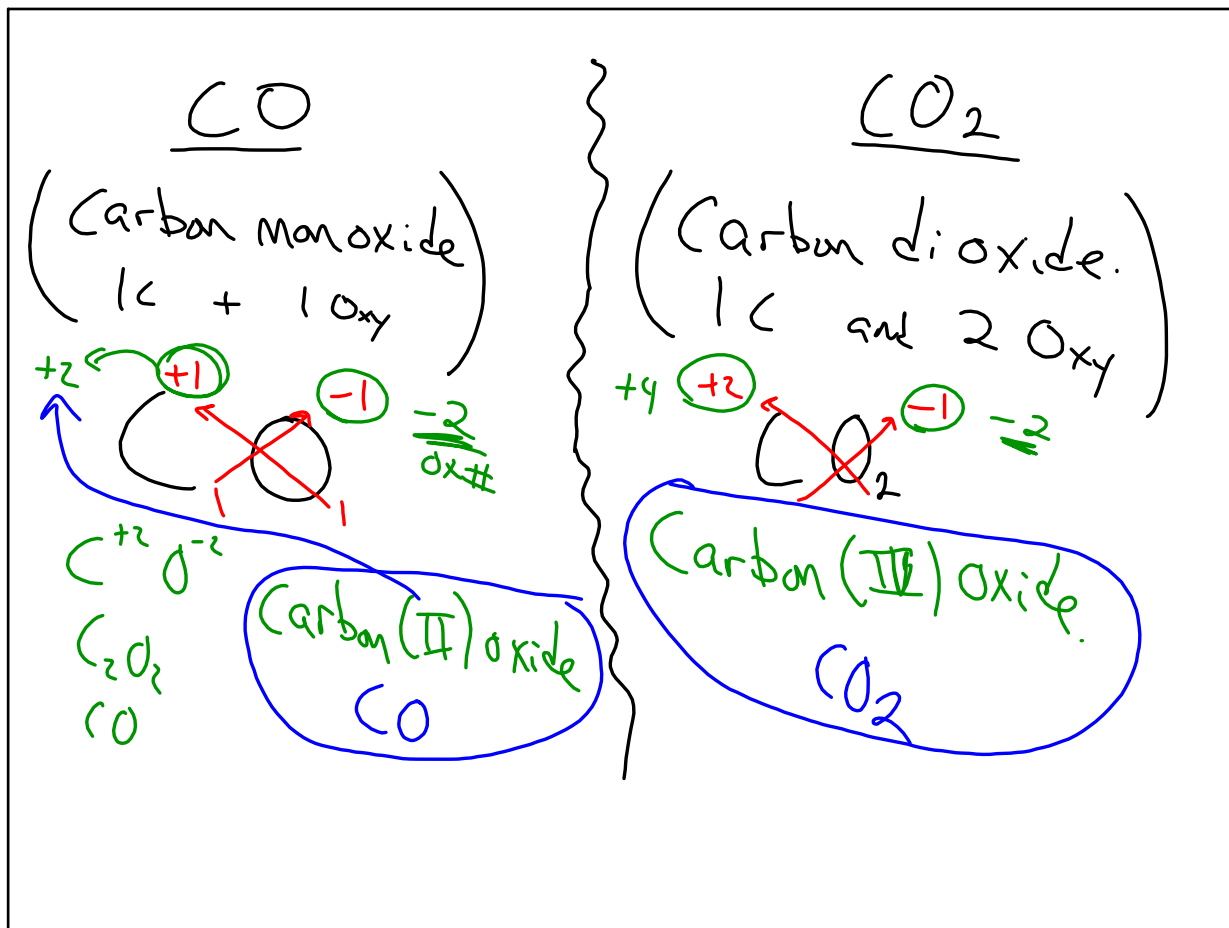


Sep 23-8:04 AM

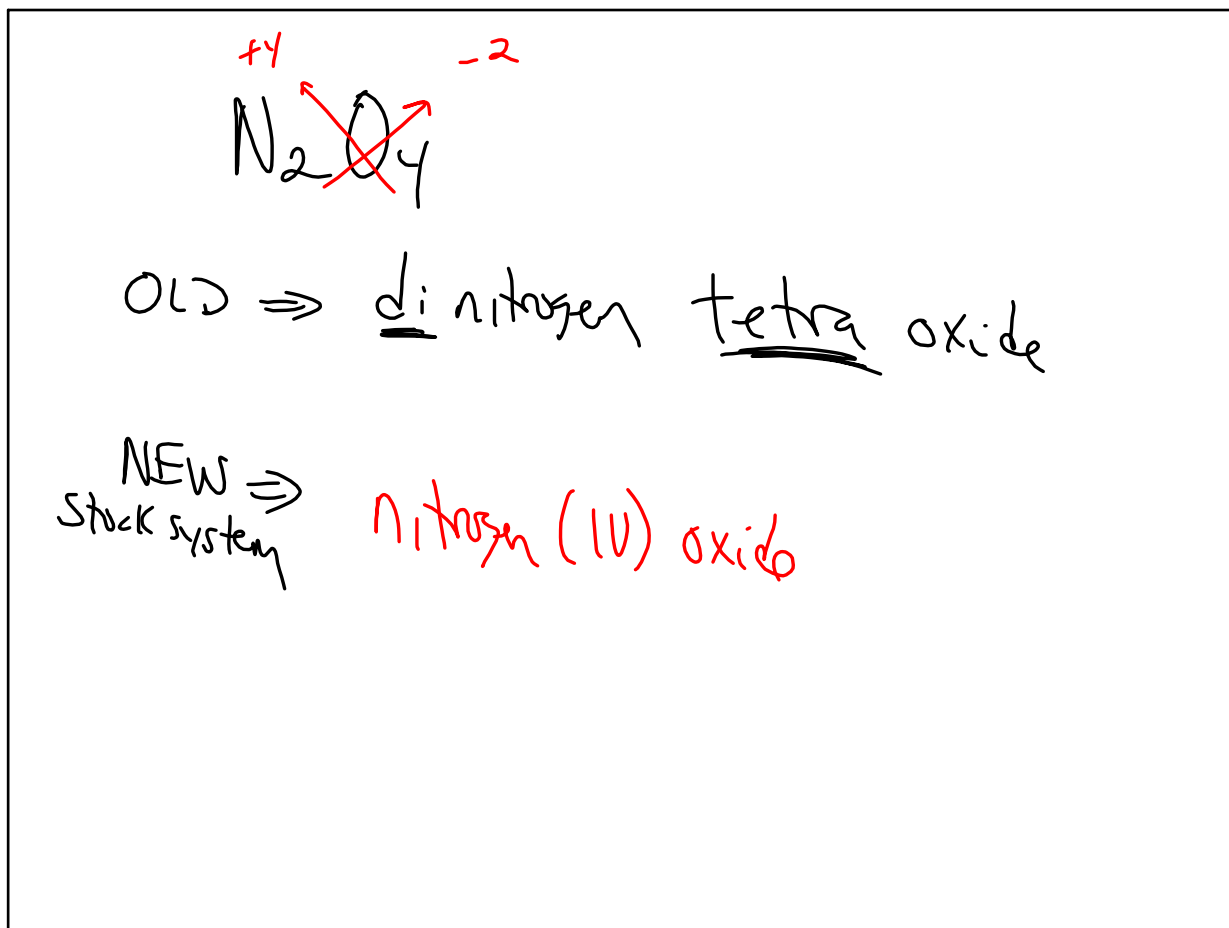
Naming Acids

<p>H + element</p> <p>$\boxed{\text{HCl}}$</p> <p>hydro-chlor-ic acid</p> <p>↑ Shortened version of element name except <u>Sulfur</u></p> <p>$\boxed{\text{H}_2\text{S} = \text{hydro sulfuric acid}}$</p> <p>↑ <u>H + element!</u></p>	<p>H + Polyatomic ion</p> <p>$\boxed{\text{HNO}_3}$ Nitric Acid</p> <p>ATE-ic, ITE-ous</p> <p>$\boxed{\text{H}_2\text{SO}_4 \Rightarrow \text{sulfuric acid}}$</p> <p>! Cuidado! CAREFUL.</p>
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Sep 23-8:21 AM



Sep 23-8:29 AM



Sep 23-8:36 AM

^{ox#}
 Chromium(III) carbonate

Cr⁺³

(CO₃)⁻²

← Polyatomic elements "ide" usually

$Cr_2(CO_3)_3$

Parentesis - must use () when polyatomic ion gets a subscript!

Sep 23-8:41 AM

Calcium hydroxide

Ca⁺²

(OH)⁻¹

~~CaOH₂~~
 | Ca | O | 2H

$Ca(OH)_2$
 | Ca | 2 | O | 2H

Sep 23-8:46 AM