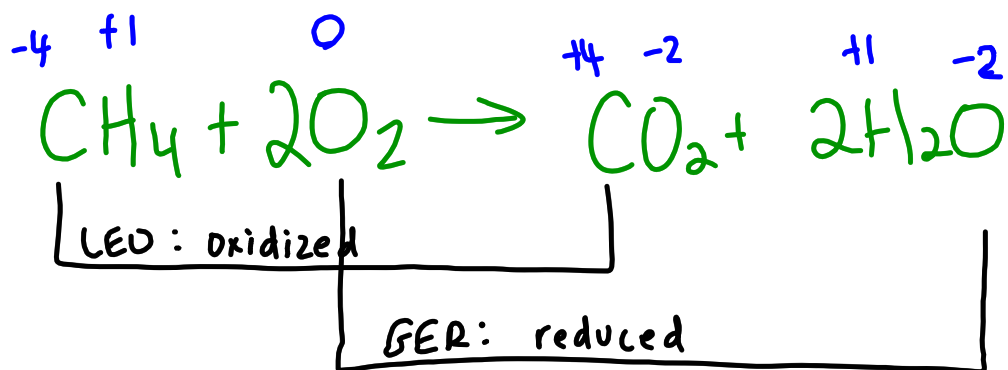


Zn is oxidized
 Cu²⁺ is reduced
 Zn is reducing agent
 Cu²⁺ is oxidizing agent



if an element is reduced: the
oxid. # also reduces (gets lower)

Homologous Series	Functional Group	Suffix
alkanes	$C-C$	-ane
alkenes	$C=C$	-ene
alkynes	$C\equiv C$	-yne
alcohols	$-OH$	-anol
<u>aldehydes</u>	$-CHO$ $\begin{matrix} O \\ \\ -C \\ \\ H \end{matrix}$	-anal
Ketone	$-CORR'$ $\begin{matrix} O \\ \\ C-C-C \end{matrix}$	-anone
Carboxylic acid	$-COOH$ $\begin{matrix} O \\ \\ -C \\ \\ OH \end{matrix}$	-anoic