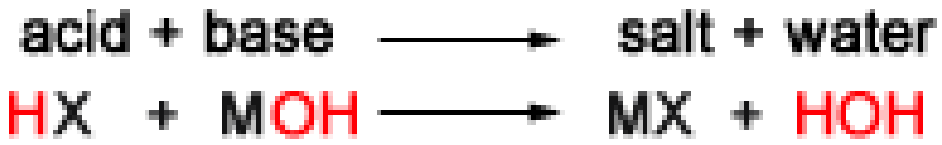
Driving Forces Notes

Acid/Base (Neutralization)

- **The driving force** of these chemical changes **is proton (H^+) transfer.**
- The **reactants** in these reactions will lose or gain protons (hydrogen ions) and form water and a salt as products.



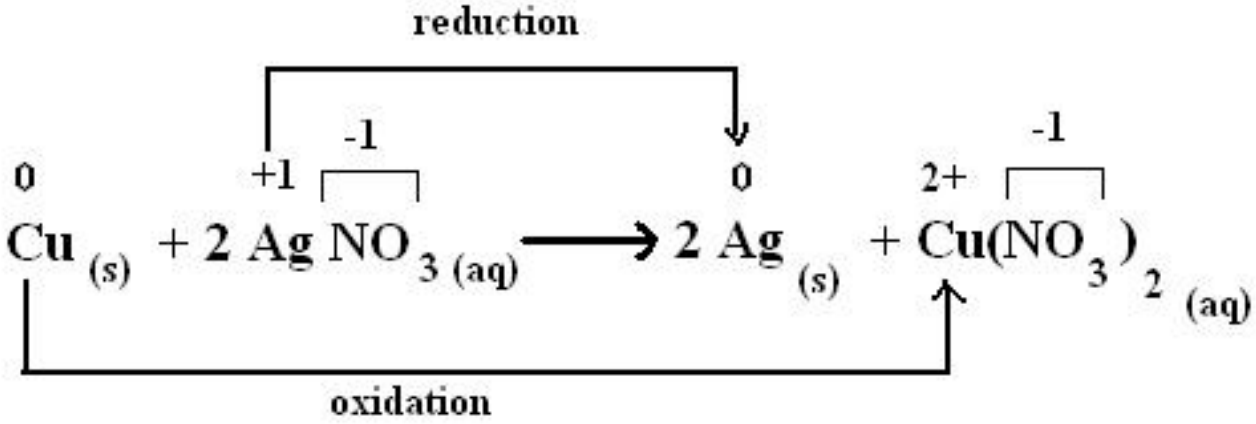
Video: 08 Acid-Base Reactions

Oxidation/Reduction (REDOX)

- **The driving force** of these chemical changes **is electron transfer.**
- The **reactants** in these reactions will lose or gain electrons and change their charge as they form the products.
- Easy ways to remember

OIL RIG
Oxidation is loss (of e-),
Reduction is gain (of e-)

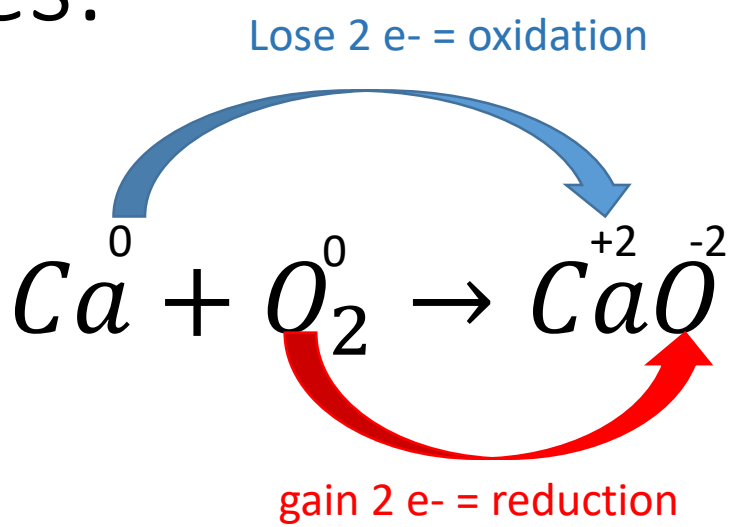
LEO the lion goes GER
Lose electrons = oxidation,
Gain electrons = reduction



Video: Introduction to Oxidation Reduction (Redox) Reactions

REDOX Examples:

- Example 1:



- Example 2