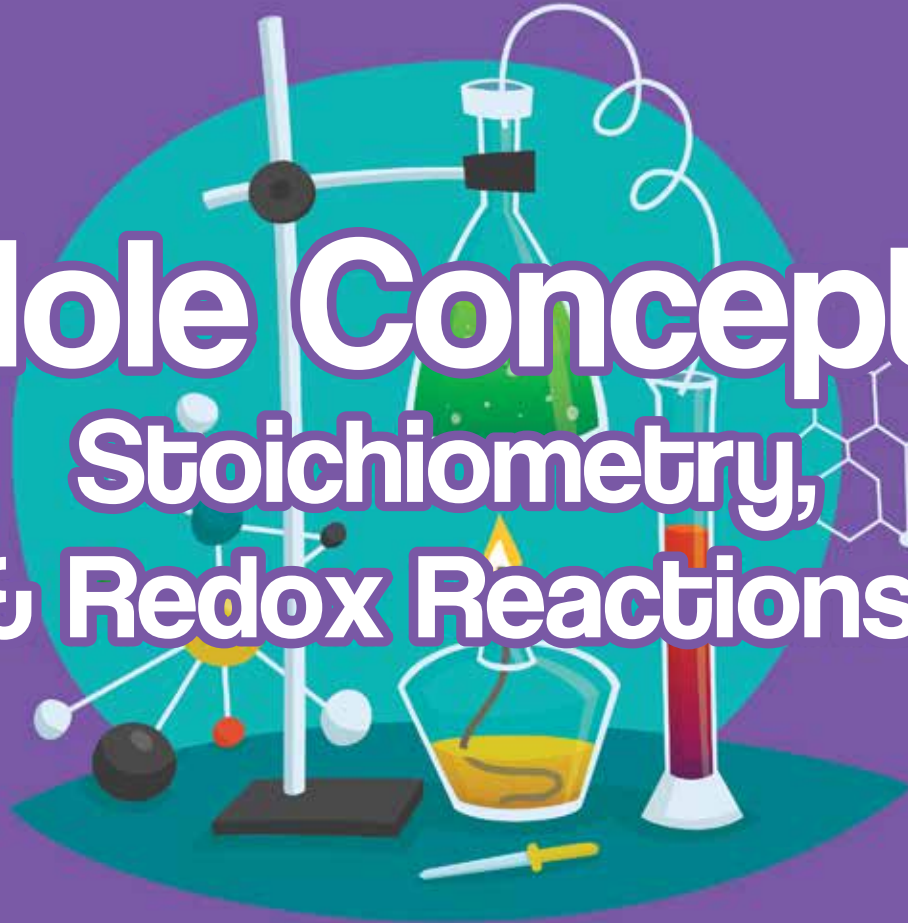


Mole Concept, Stoichiometry, & Redox Reactions



Steps

Write an equation with the reactants and products

Example:



Balance elements besides O and H

Example: No change



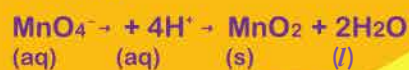
Balance O using H₂O

Example:



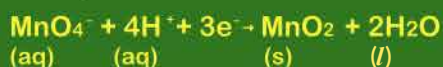
Balance H using H⁺

Example:



Balance charges using electrons.

Example:



For alkaline medium, remove H⁺ ions by adding OH⁻ on both sides of equation.

Cancel H₂O on both sides of the equation.

Example:

