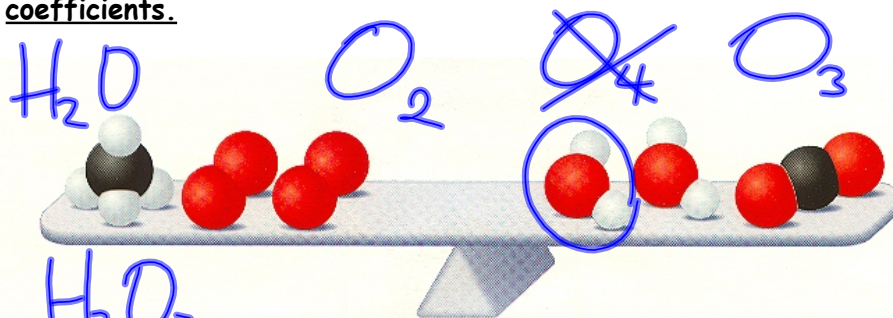


Balancing Chemical Equations

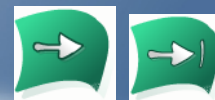
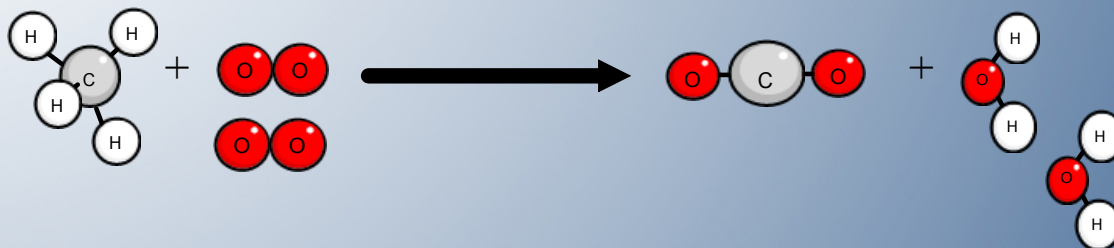
- number of reactant atoms is equal to the number of product atoms of each substance
- **do NOT change the formula of the substance**, adjust the number of atoms by using **coefficients**.

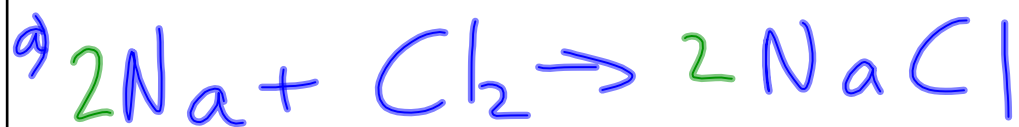


Oct 25-8:10 PM

Balancing Chemical Equations

methane + oxygen \longrightarrow carbon dioxide + water

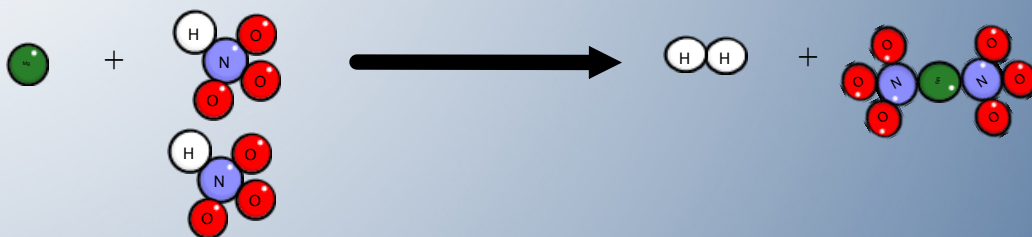
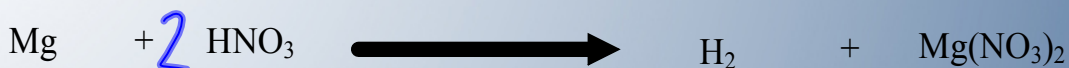




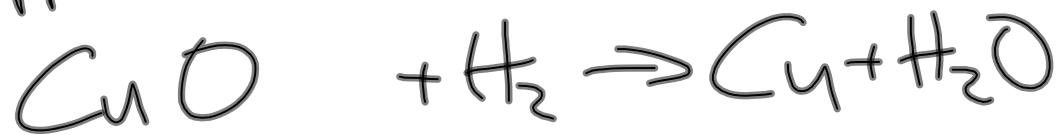
Mar 14-9:06 AM

Example 3

magnesium + Nitric acid \longrightarrow Hydrogen gas + magnesium nitrate



Copper II oxide + hydrogen \rightarrow copper + water



Mar 14-9:18 AM

Mar 14-9:00 AM