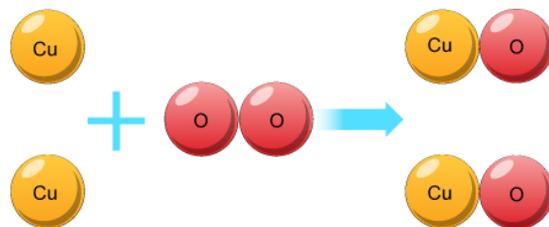


## Topic 5: Law of Conservations of Mass (Balancing Equations)



### Law of Conservation of Mass:



### Combustion:

#### Example #1:

Word Equation:

nitrogen gas + hydrogen gas → ammonia

Skeleton Equation:

Balancing:

Element	Reactants	Products

#### Example #2:

Word Equation:

calcium + water → calcium hydroxide + hydrogen

Skeleton Equation:

Balancing:

Element	Reactants	Products