

BALANCING COMBUSTION REACTIONS

- Combustion is a reaction with oxygen, often releasing heat and light.
- Combustion of hydrocarbons forms carbon dioxide and water.

Combustion of Hydrocarbons



- Balance carbon and then hydrogen
- Balance oxygen last:
 - If there is an odd number of oxygen in the product, use that number as the coefficient for oxygen.
 - Double all the remaining coefficients
 - Voila!

Combustion of ammonia

- Use the same tricks!

