

Chemical Equation



A chemical equation is the "recipe" for a chemical reaction.

A chemical eqn must follow the
LAW OF CONSERVATION OF MASS!

- Parts of a Chemical Eqn:

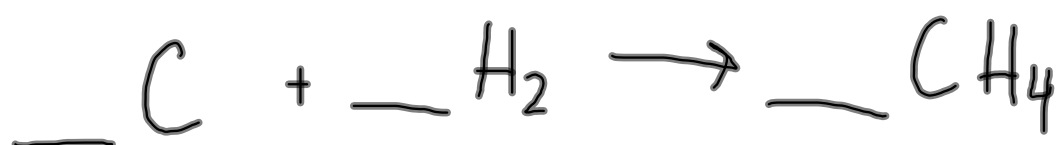
1) Reactants - starting materials
(Na and Cl₂)

2) Products - what I end up with / make
(NaCl)

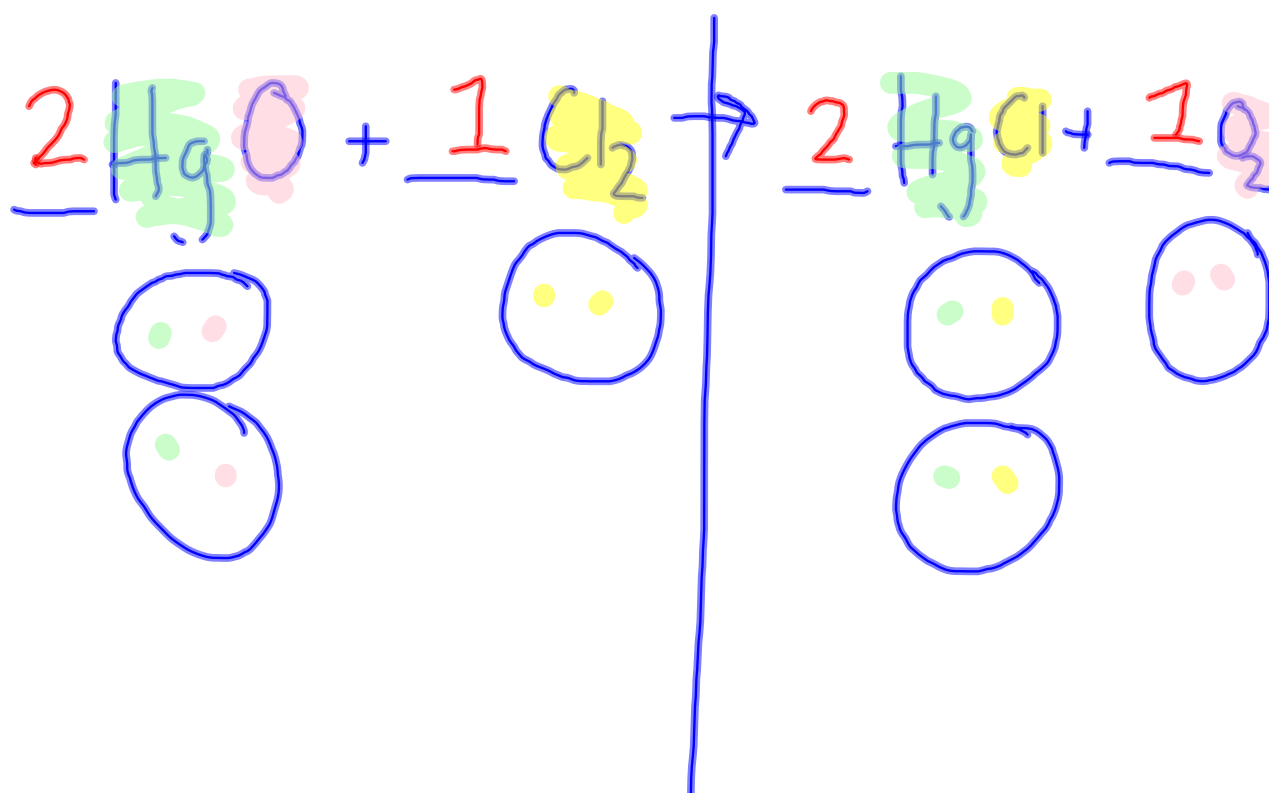
3) Yield sign - arrow that separates reactants and products (→)

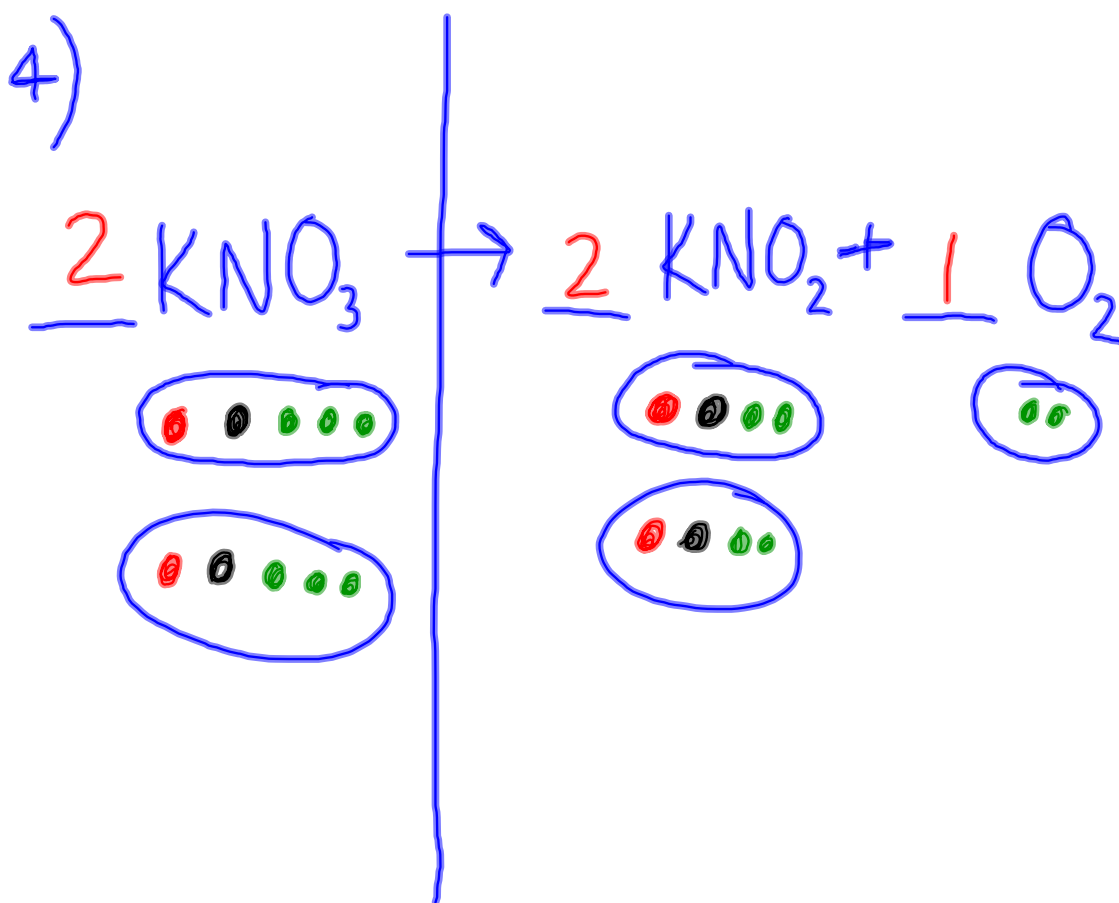
4) Coefficients- are used to balance the eqn. Tells us how many atoms/molecules are involved in the rxn.

(Big numbers; not super/subscripts)



- 1) Draw a line between reactants & products.
- 2) Color code the atoms
- 3) Draw dots for each atom
- 4) Circle groups
- 5) Balance groups





b)

