

Law of Conservation of Mass

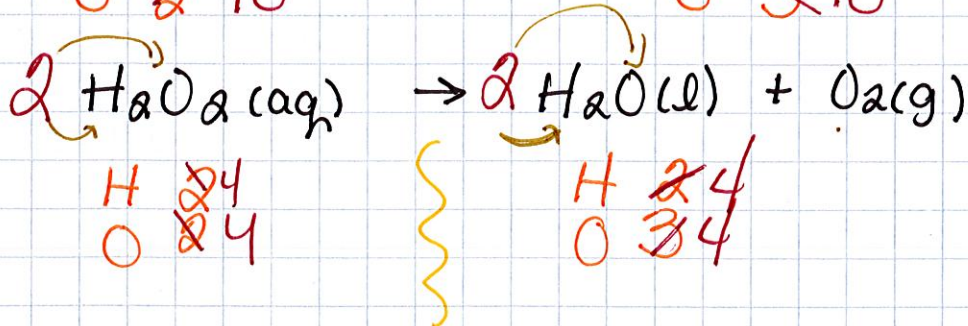
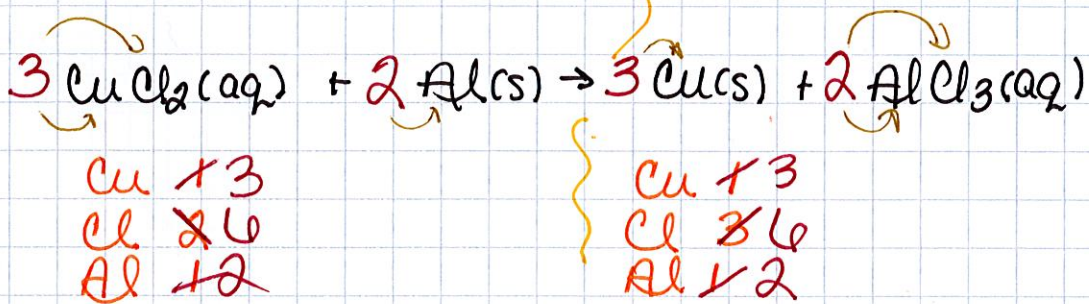
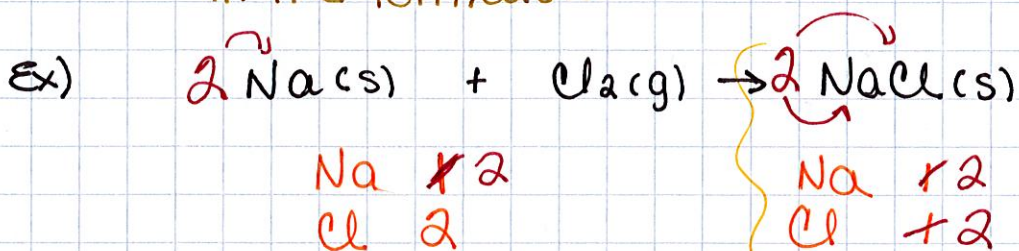
Mass cannot be created or destroyed during a chemical reaction! (It's just rearranged)

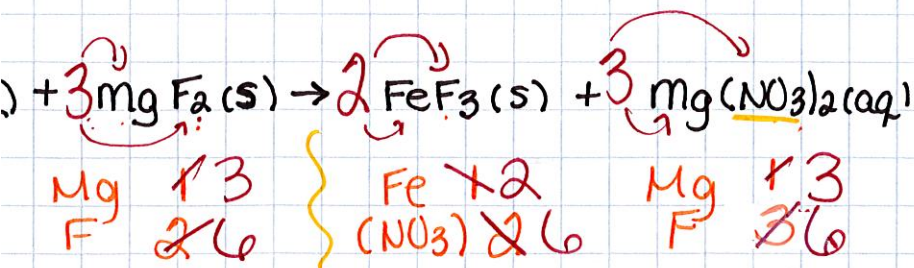
It means you must have the same # of atoms/ions of each element on BOTH sides of the equation.

Balancing Equations

Use COEFFICIENTS to balance equations

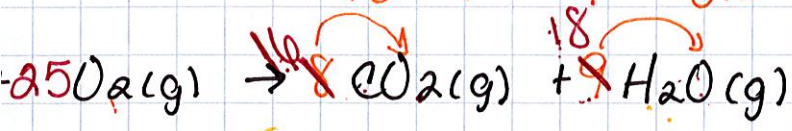
written before a formula that multiplies thru to every element in the formula.





$$32 + 18 = 50$$

$$16 + 9 = 25$$



C	1	x 8	16
H	2	x 18	36
O	2	x 25	50