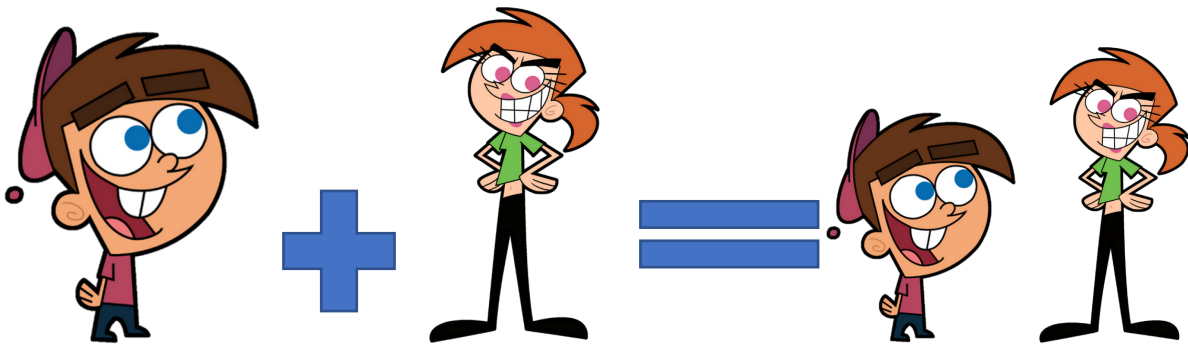
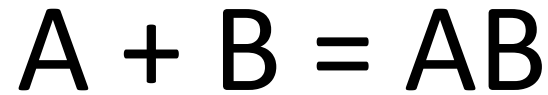


Synthesis

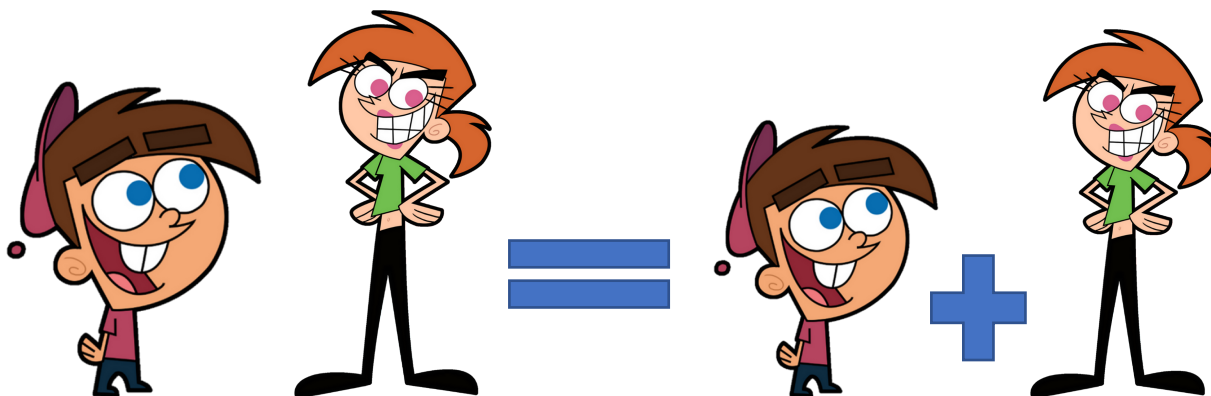
When two or more simple compounds combine to form a more complicated one.



Decomposition

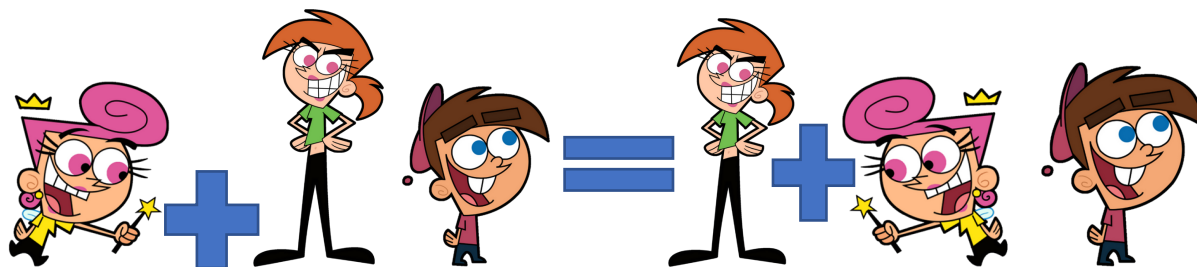
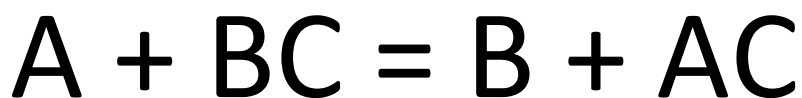
A complex molecule breaks down to make simpler ones.





Single Replacement

When one element trades places with another element in a compound.



Double replacement

When the anions and cations of two different molecules switch places, forming two entirely different compounds

