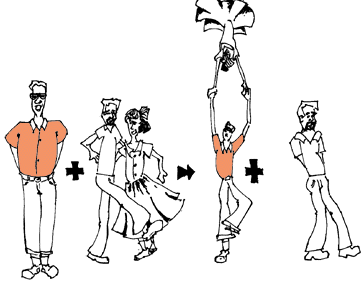
Synthesis reactions

A+B->SB

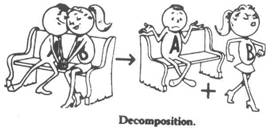
C+O->CO2



Single replacement reactions

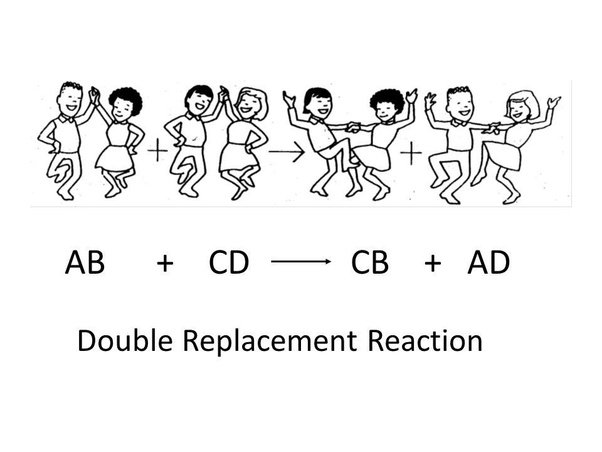
A+CB->C+AB

ZN+CuCl2->ZnCl2+Cu

Decomposition reactions

AB->A+B

CO2->C+O2



Double Replacement Reactions

AB+CD->CB+AD

Na2S+HCl->NaCl+H2S