

## L73 Types of Reactions

TODAY'S  
DATE

E.Q.: How do atoms rearrange to form new products?

### Chem Rxn Types

Combination rxn - a rxn in which two or more reactants combine to form a single product



(a.k.a., synthesis rxn)

decomposition rxn - a rxn in which a single substance is broken down into two or more simpler substances



single exchange rxn - a rxn in which an element is displaced from a compound by a more reactive element



or



(a.k.a, single replacement or single displacement rxn)

double exchange rxn - a rxn in which both reactants break apart and then recombine to form two new products - chem change is where there is an exchange of ions btwn reactants to form new products



(a.k.a, double replacement or double displacement rxn)