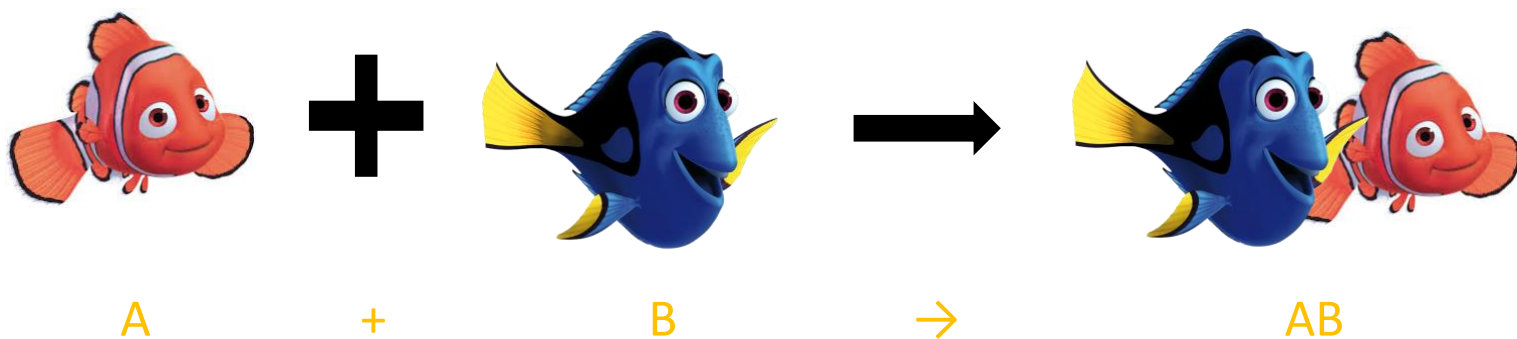


Classifying Reactions Comic

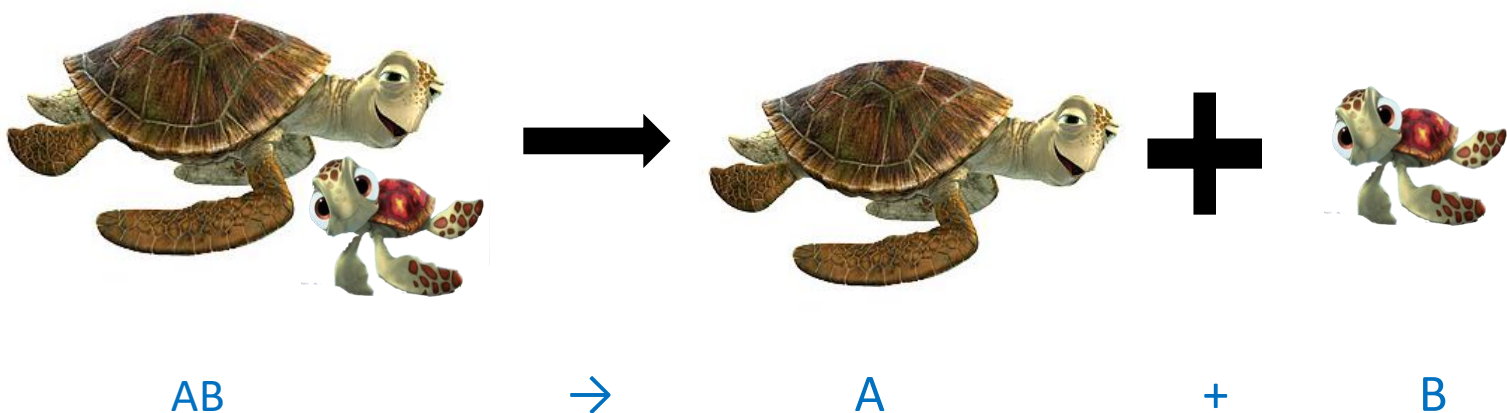
1. Synthesis (Combination) Reactions

Two or more reactants (A and B) combine to produce a single product (AB)



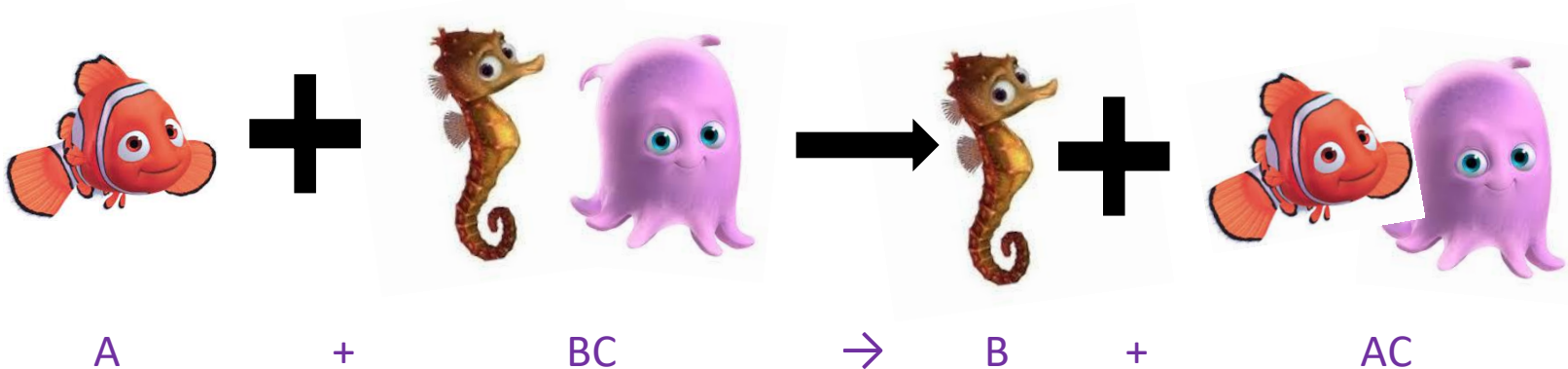
2. Decomposition

The breaking down of a compound (AB) into smaller compounds or separate elements (A and B)



3. Single replacement

A reactive element (metal or non-metal by itself) and a compound react to produce another element and compound. One of the elements is “replaced” by another element.



4. Double replacement

Involves two ionic solutions that react to produce two other ionic compounds. One of the compounds often forms a precipitate.

