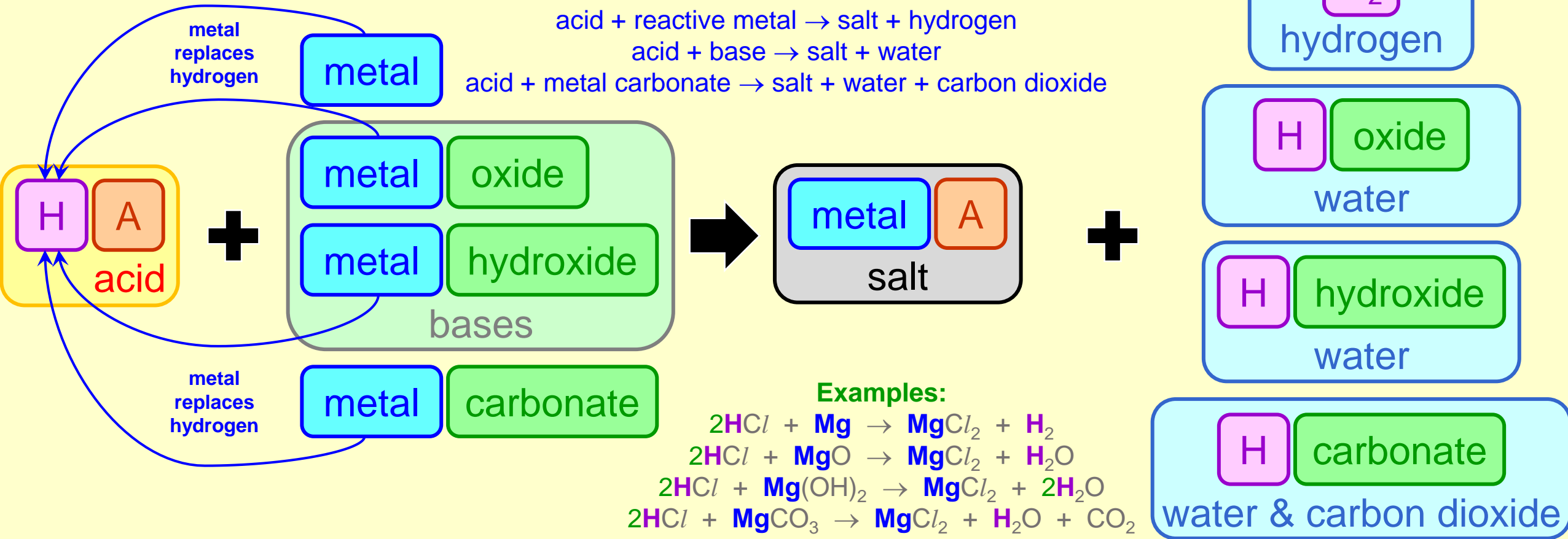


Generalisations for the Reaction of Acids

- The hydrogen of an acid is replaced by a metal to produce a salt and other product(s) – hydrogen, water, carbon dioxide.
- A salt is formed when the hydrogen of an acid is replaced by a metal.



- Note:** Examples of **A** include *Cl* (hydrochloric acid – HCl) and NO_3 (nitric acid – HNO_3).
- Note:** The ratios of the reagents and formulae of the compounds varies and depends upon the nature of the acid (its basicity) and the valency of the metal.