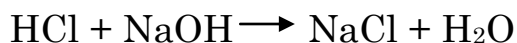


## Acid/Base Neutralization

A **salt** is any compound that can be derived from the neutralization of an acid and a base. The word "neutralization" is used because the acid and base properties of  $H^+$  and  $OH^-$  are destroyed or neutralized. In the reaction,  $H^+$  and  $OH^-$  combine to form  $HOH$  or  $H_2O$  or water molecules. A neutralization reaction is a type of **double replacement** reaction. A salt is the product of an acid-base reaction and is a much broader term than common table salt as shown in the first reaction.



- Complete the neutralizations reactions below. (balance the equations)
- Identify the salt produced in each of the reactions (circle or underline).

