

Acids & Bases

An ACID is a compound that ionizes in water to form a H^+ and an anion.

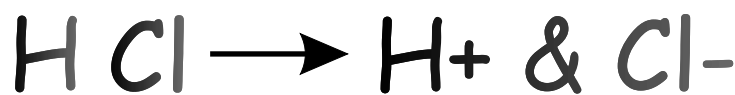
A BASE is a compound that ionizes in water to form an OH^- ion and a cation.

An ION is a charged atom or atoms.

An CATION is a ion with a positive charge.

An ANION is a ion with a negative charge.

Acid Reaction:



Hydrochloric acid

Ion

Anion

Base Reaction:



Sodium Hydroxide

Ion

Cation