

A short history of acid/base definitions

Chemist(s)	Year published	an acid...	a base...	explains...
Humphrey Davy	1815	contains hydrogen, which replaces a metal		muriatic acid
Svante Arrhenius	1887	increases the H^+ concentration in water	increases the OH^- concentration in water	$HCl(aq)$
Johannes Bronsted and Thomas Lowry	1923	“donates” a proton (H^+) to another substance	“accepts” a proton (H^+) from another substance	$HCl(l) + NH_3(l)$
Gilbert Lewis	1938	“accepts” an electron pair from another substance	“donates” an electron pair to another substance	$BF_3(aq)$