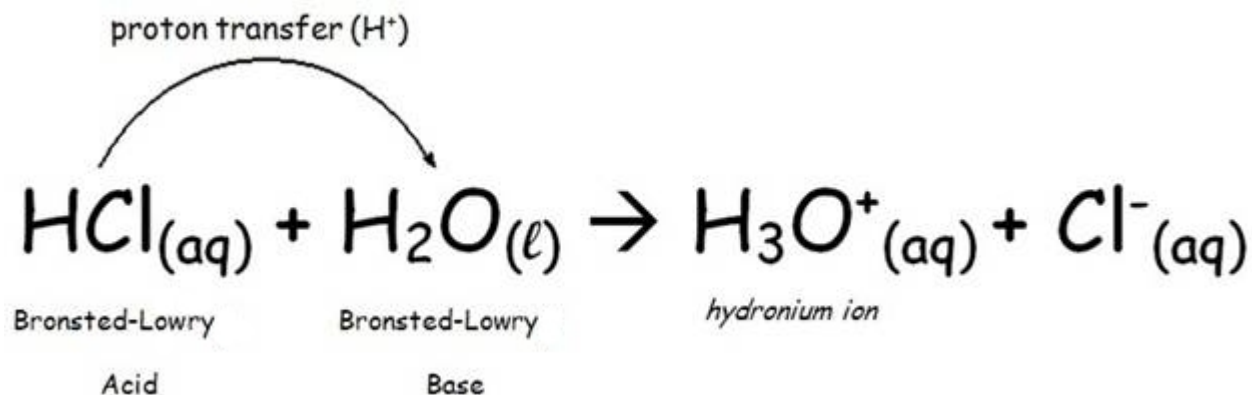


The Bronsted - Lowry Theory

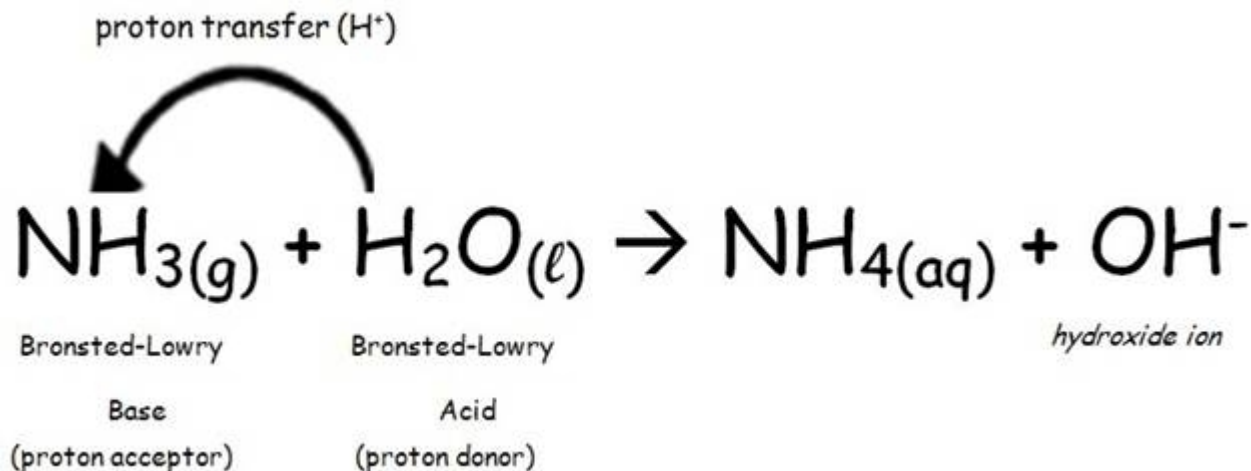
- acids are compounds which can donate a proton
- bases are compounds which can accept a proton

* Acid-base reactions involve the transfer of a proton

e.g.



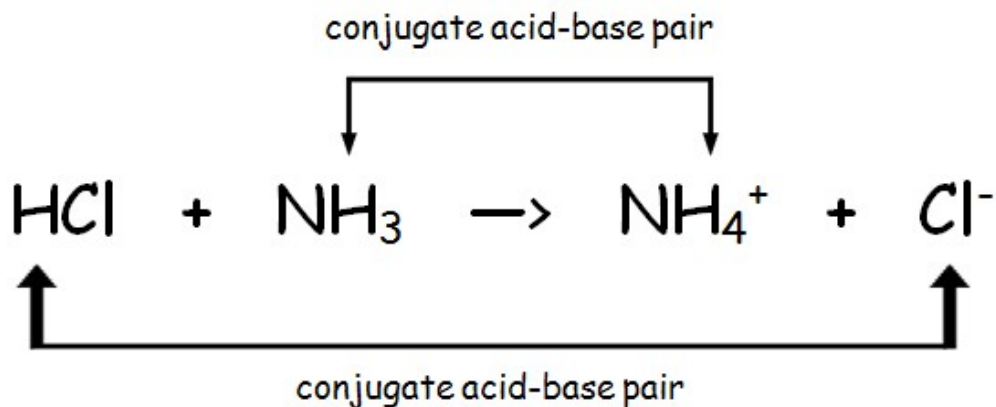
e.g.



Conjugate Acid-Base Pairs

- acids and bases differ by one proton
- the conjugate base of an acid has one less proton than the acid
- the conjugate acid of a base has one more proton than the base

e.g.



e.g.

