

ACIDS & BASES

ACIDS

Turn litmus paper red.



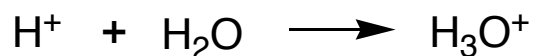
Are colorless with phenolphthalein indicator in solution.

Oxides of non-metals produce acids with water.

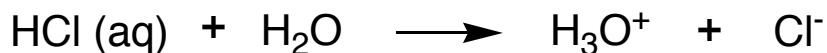


An acid will donate hydrogen ions in aqueous solution.

(These combine with a water molecule to give a hydronium ion.)



Strong Acids



Weak Acids



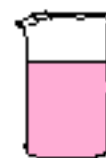
BASES

Turn litmus paper blue.



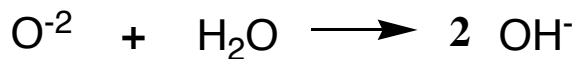
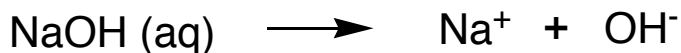
Are pink with phenolphthalein indicator in solution.

Oxides of metals produce bases with water.



A base will produce hydroxide ion directly, or react with water to produce hydroxide ions.

Strong Bases



Weak Bases

