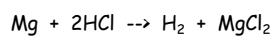


Chemical Reactions with Acids and BasesReactions with Metals

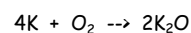
Sometimes when a metal reacts with an acid a displacement reaction results and hydrogen gas is created.



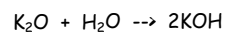
Mar 4-2:34 PM

Making a Base

Metals react with oxygen to form an oxide. These oxides will react with water to form a base.



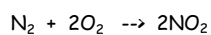
then...



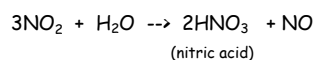
Mar 4-2:52 PM

Making an Acid

Non-metals react with oxygen to form an oxide. When these oxides react with water you get an acid.



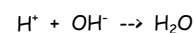
then...



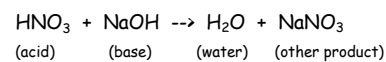
Mar 4-2:53 PM

Neutralization

When an acid and base react together neutralization results. One of the products of this reaction is water since the H^+ of the acid attaches to the OH^- of the base.



Neutralization is used to clean up dangerous spills, or to reduce acidity (like when you have heartburn).



Mar 4-2:55 PM