

Review from yesterday:

Hydrochloric acid combines with calcium carbonate

Based on this reaction, what gas would be produced? Rewrite the chemical equation to account for the formation of this gas.

Ammonium fluoride combines with sodium hydroxide

Based on this reaction, what gas would be produced? Rewrite the chemical equation to account for the formation of this gas.

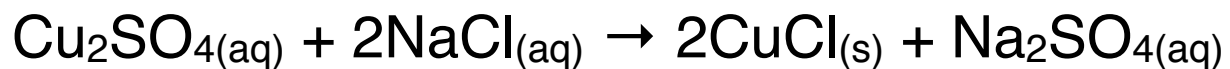
Total Ionic Equations

Total and Net Ionic Equations

A ***total ionic equation*** is a list of all ions that form a chemical equation.

A ***net ionic equation*** is a list of ions that actually took part in the chemical reaction.

Example:



Total Ionic Equation

Net Ionic Equation

Spectator Ions

Example:

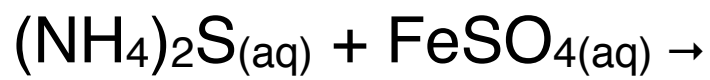
Lead (II) nitrate combines with potassium iodide

Total Ionic Equation

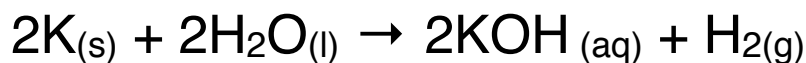
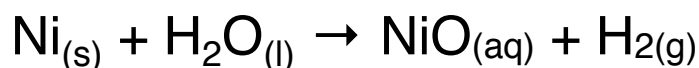
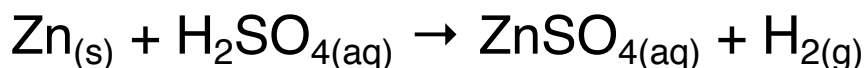
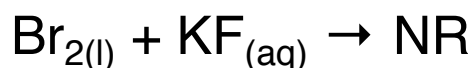
Net Ionic

Spectator Ions

Now you try



Homework: Single Displacement



Homework: Double Displacement

