

CTC 450: Balance Equations

Balance the following equations:

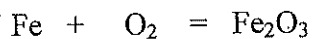
Precipitation Reaction:

Remove (soften) hardness with lime



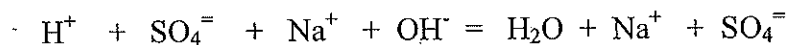
Oxidation/Reduction Reaction:

Rusting of Iron on exposure to Oxygen



Acid-Base Reaction (Neutralization)

Add alkali (sodium hydroxide) to neutralize sulfuric acid



Gas-Producing Reaction

Strip ammonium from water (remove nitrogen by converting ammonium to ammonia)

