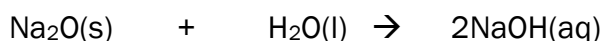


Some common concepts to remember:

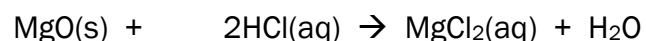
- Metal oxides act like a base in water and make a base
- Metal oxides act like a base with acid and neutralize
- Nonmetal oxides act like an acid in water and make an acid
- Nonmetal oxides act like an acid with a base and neutralize

Some Common Reactions to Know

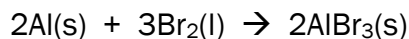
Metal Oxide + Water → metal hydroxide



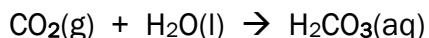
Metal Oxide + Acid → salt and water



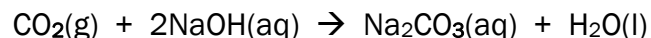
Metal + Nonmetal → salt



Nonmetal oxide + water → acid

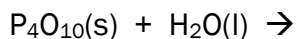
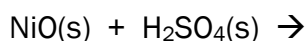
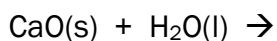


Nonmetal oxide + base → salt + water



****Notice how soluble nonmetal oxides change to make an acid with 1/more oxygen****

Practice Writing Equations:



Write a balanced chemical equation for the reaction between copper (II) oxide and sulfuric acid

Write a balanced chemical equation between the reaction of selenium dioxide and water

