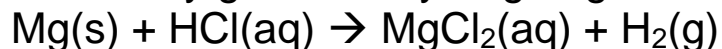


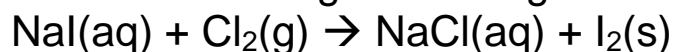
12.2 USING MOLES MASS- MASS *Supplemental Practice Problems*

Solve the following problems. The reactions may not be balanced.

1. If 28.0 g of magnesium react with excess hydrochloric acid, how many grams of hydrogen gas are produced?



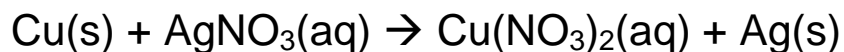
2. How many grams of sodium iodide must be reacted with excess chlorine gas if 15.0 g of sodium chloride are needed?



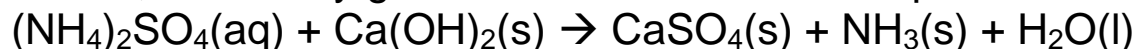
3. How many grams of potassium chloride are produced in the decomposition of 11.00 g of potassium chlorate?



4. What mass of silver is produced from 33.0 g of silver nitrate dissolved in water?

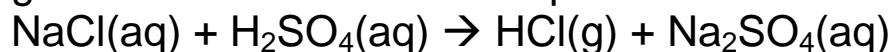


5. If excess calcium hydroxide reacts with 40.0 g of ammonium sulfate, how many grams of calcium sulfate are produced?

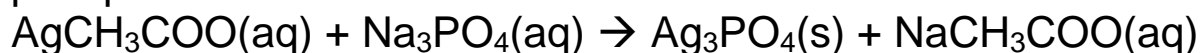


6. If excess sulfuric acid reacts with 17.0 g of sodium chloride, how many

grams of sodium sulfate are produced?



7. How much silver phosphate is produced if 32.0 g of sodium phosphate react with excess silver acetate?



8. How many grams of sulfuric acid are needed to completely neutralize 55.0 g of sodium hydroxide?

