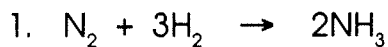


# STOICHIOMETRY: LIMITING REAGENT

Name \_\_\_\_\_



How many grams of  $\text{NH}_3$  can be produced from the reaction of 28 g of  $\text{N}_2$  and 25 g of  $\text{H}_2$ ?

\_\_\_\_\_

2. How much of the excess reagent in Problem 1 is left over?

\_\_\_\_\_



What volume of hydrogen at STP is produced from the reaction of 50.0 g of Mg and the equivalent of 75 g of HCl?

\_\_\_\_\_

4. How much of the excess reagent in Problem 3 is left over?

\_\_\_\_\_



Silver nitrate and sodium phosphate are reacted in equal amounts of 200. g each. How many grams of silver phosphate are produced?

\_\_\_\_\_

6. How much of the excess reagent in Problem 5 is left?

\_\_\_\_\_