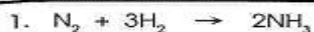


**STOICHIOMETRY:
MIXED PROBLEMS**

Name _____



What volume of NH_3 at STP is produced if 25.0 g of N_2 is reacted with an excess of H_2 ?



If 5.0 g of $KClO_3$ is decomposed, what volume of O_2 is produced at STP?

3. How many grams of KCl are produced in Problem 2?



What volume of hydrogen at STP is produced when 2.5 g of zinc react with an excess of hydrochloric acid?



How many molecules of water are produced if 2.0 g of sodium sulfate are produced in the above reaction?



If 10.0 g of aluminum chloride are decomposed, how many molecules of Cl_2 are produced?
