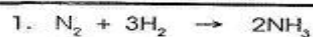


**STOICHIOMETRY:
MOLE-MOLE PROBLEMS**

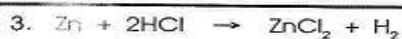
Name _____



How many moles of hydrogen are needed to completely react with two moles of nitrogen?



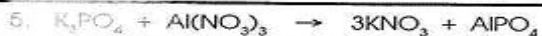
How many moles of oxygen are produced by the decomposition of six moles of potassium chlorate?



How many moles of hydrogen are produced from the reaction of three moles of zinc with an excess of hydrochloric acid?



How many moles of oxygen are necessary to react completely with four moles of propane (C_3H_8)?



How many moles of potassium nitrate are produced when two moles of potassium phosphate react with two moles of aluminum nitrate?
