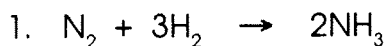


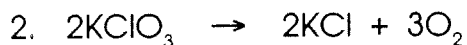
# STOICHIOMETRY: MOLE-MOLE PROBLEMS

Name \_\_\_\_\_



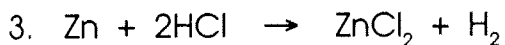
How many moles of hydrogen are needed to completely react with two moles of nitrogen?

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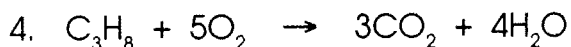
How many moles of oxygen are produced by the decomposition of six moles of potassium chlorate?

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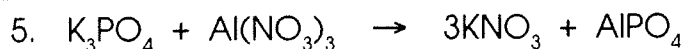
How many moles of hydrogen are produced from the reaction of three moles of zinc with an excess of hydrochloric acid?

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How many moles of oxygen are necessary to react completely with four moles of propane ( $\text{C}_3\text{H}_8$ )?

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

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