Name	Honors Chemistry	
Stoichiometry Practice – Solve	each of the following.	
Hydrogen sulfide gas reacts was liters of hydrogen sulfide and 1.8 amount of excess reagent remain	rith aqueous sodium hydroxide to produce aqueous sodium 5 grams of sodium hydroxide, how many grams of sodium s?	n sulfide and water. If Sarah is given 2.5 in sulfide can she produce at STP? What
2. Determine the volume of wate propane gas, $C_3H_{8,}$ at STP. What	r vapor and carbon dioxide gas produced if Katie is given t amount of excess reagent remains?	33.0 liters of oxygen gas and 21.0 liters of
		
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 3. Hydrogen gas reacts with carbon monoxide to produce methanol, CH₃OH. 68.5 grams of carbon monoxide reacts with 8.60 grams of hydrogen gas. a. Identify the limiting reactant. Support your answer with calculations. b. How much of the excess reagent remains? c. Calculate the mass of methanol produced. d. If 35.7 grams of methanol are actually produced, what is the percent yield?
