

Homework Answers
Hill-Petrucci
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71. Limiting Reactant is the reactant that is used up first in a chemical reaction.
When we have what is called a "stoichiometric mix", that is we run out of both reactants at the same time.
72. No and No, grams must be converted to moles and the mole ratio from the balanced equation must be considered to come to a correct conclusion.
73. You must first write a balanced equation for this reaction. Use the coefficients to determine the mole ratio.
LiOH is limiting and 2.20 moles of Li_2CO_3 can be produced.
74. a. H_2O b. 0.313 moles of HBF_4 will be produced