Stoichiometry Using Molarity Worksheet

For the questions on this worksheet, consider the reaction :
Calcium hydroxide reacts with hydrochloric acid.

1) What type of chemical reaction is taking place? _____
Write the balanced equation:

2) How many liters of 0.100 M HCl would be required to react completely with 5.00 grams of calcium hydroxide?

3) If I combined 15.0 grams of calcium hydroxide with 75.0 mL of 0.500 M HCl, how many grams of calcium chloride would be formed?

4) What is the limiting reagent from the reaction in problem #3? _____

5) How many grams of the excess reagent will be left over after the reaction in problem 3 is complete?

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