

## Stoichiometry Using Molarity Worksheet

For the questions on this worksheet, consider the following equation:



- 1) What type of chemical reaction is taking place? \_\_\_\_\_
- 2) How many liters of 0.200 M HCl would be required to react completely with 3.00 grams of calcium hydroxide?
- 3) If I combined 20.0 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?