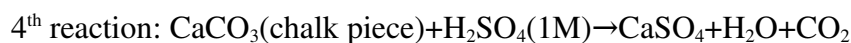
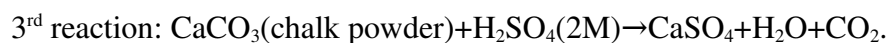
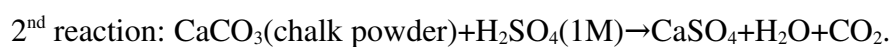
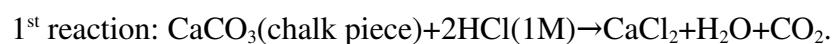


CHEMISTRY

Lab 19: Investigation of the rate of the acidic decomposition of calcium carbonate

For the following four reactions, repeat the steps described to measure the reaction rate:



1. With a volumetric cylinder, take 50ml of the acid and put it in a plastic cup.
2. Take a piece of chalk or powder of chalk of 5g mass.
3. Put the plastic cup on the balance and add the piece of chalk or the powder of chalk. Start stirring the mixture and measure the total mass every 10 seconds.
4. Plot the results using Excel and determine the initial rate of each reaction.
5. Compare the results and draw conclusions.