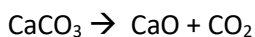


5. Look at the equation below:

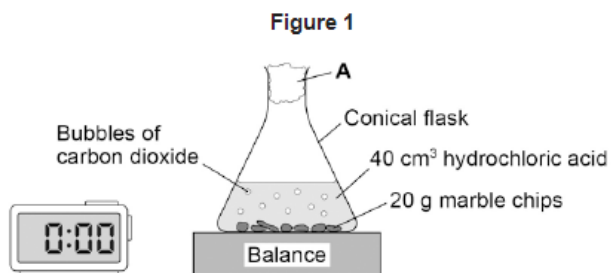


300g of CaCO_3 was heated and produced 168g of CaO . What mass of CO_2 was formed? Show your working.

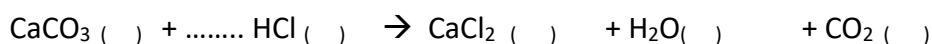
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6. Some students carried out the following experiment :



The reaction can be represented by the equation:



a) Balance the equation

b) Add state symbols to the brackets

c) Why was cotton wool put into the conical flask?

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6d) The students measured the change in mass. Their results are shown below:

Repeat	1	2	3	mean
Mass lost (g)	8.6	8.2	8.3	8.4

Calculate the uncertainty in the students' results.

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7. A solution of sodium chloride has 35g dissolved in 200cm³. Calculate the concentration in g/dm³.

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