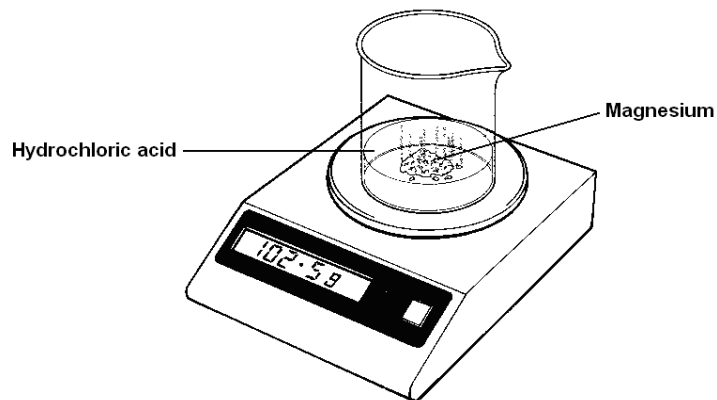


Name \_\_\_\_\_

Target level \_\_\_\_\_

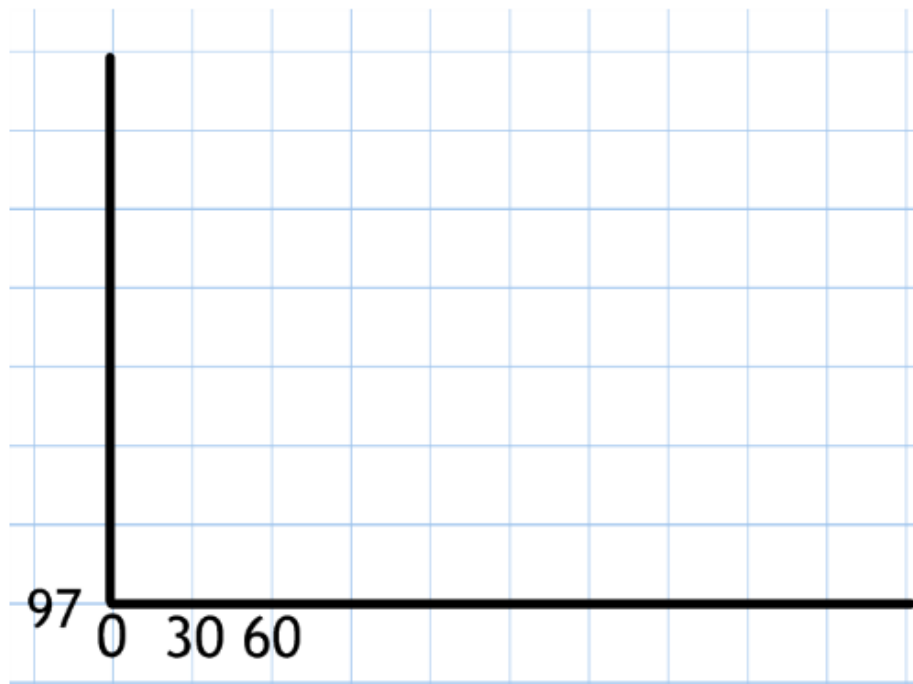
Materials HSW HW2

A student set up an experiment as shown below and measured the decrease in the mass over 5 minutes. His results are recorded in the table.



Time (___)	Mass (___)	Time (___)	Mass (___)
30	102.5	180	99.3
60	102.0	210	99.0
90	101.4	240	98.8
120	100.5	270	98.0
150	101.0	300	98.0

1. Add the missing units to the table. (2 marks)
2. On the graph below complete the axes, plot the data and identify the result that does not fit in. (5 marks)
3. Add a smooth line of best fit (1 mark)



Name \_\_\_\_\_

Target level \_\_\_\_\_

4. Explain why the mass stops decreasing at 98.0g . (1 mark)

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5. Why was it easier to measure the mass of the reactants rather than the products. (1 mark)

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Total =    /10      Level =

Mark	Level
0-2	N
3-4	3
5-6	4
7-8	5
9-10	6