

LAB REPORT

Aim (This report aims to show ...)

Material

Instruments

Substances

Procedure (1. First we... 2. Then... 3. Next... Finally...)

Results (We found out that...)

Conclusions (This experiment has shown that... Although I already knew that... I have learnt that... Another fact I learnt... However the most interesting thing I learnt was...)



1. Now measure the pH of the following solutions, labelled 1-5, both with pH paper and with the pH meter. Complete the table below with your results. Decide which substance there is in each beaker of those written on the blackboard. Write the lab report.

Number of solution	Colour of pH paper	pH meter value	Strong/weak acid/alkali or neutral	Substance in the beaker
Solution 1				
Solution 2				
Solution 3				
Solution 4				
Solution 5				



2. Complete the diagram below with the following labels: i) strong; ii) acids; iii) pH>7;

strong acids pH > 7 sodium hydroxide acetic acid neutral
 water ammonia weak pH = 7 hydrochloric acid alkalis
 pH < 7 citric acid potassium hydroxide sulphuric acid citric acid

