

Name :

Class:

## Acid- Base Titration

### TITLE : DETERMINATION OF THE CONCENTRATION OF ACID SOLUTION

**ROSSA** had ran a titration between 25.00 ml of hydrochloric acid of unknown concentration and 0.10M sodium hydroxide. 2 drops of phenolphthalein was added to indicate the end point.

Before starting the first titration, burette is set to 1.00. Then, **ROSSA** start the titration. Once the colour solution inside the conical flask change from colourless to pale pink that persist for more than 30s, she immediately stop titrate and record the reading as 23.30. After that, she repeated the titration 3 times and obtained data as below. **ROSSA** need to calculate the concentration of HCl.

Answer all question in partition below based the experiment carried out by **ROSSA**.

A. Label the apparatus. (drag and drop)

