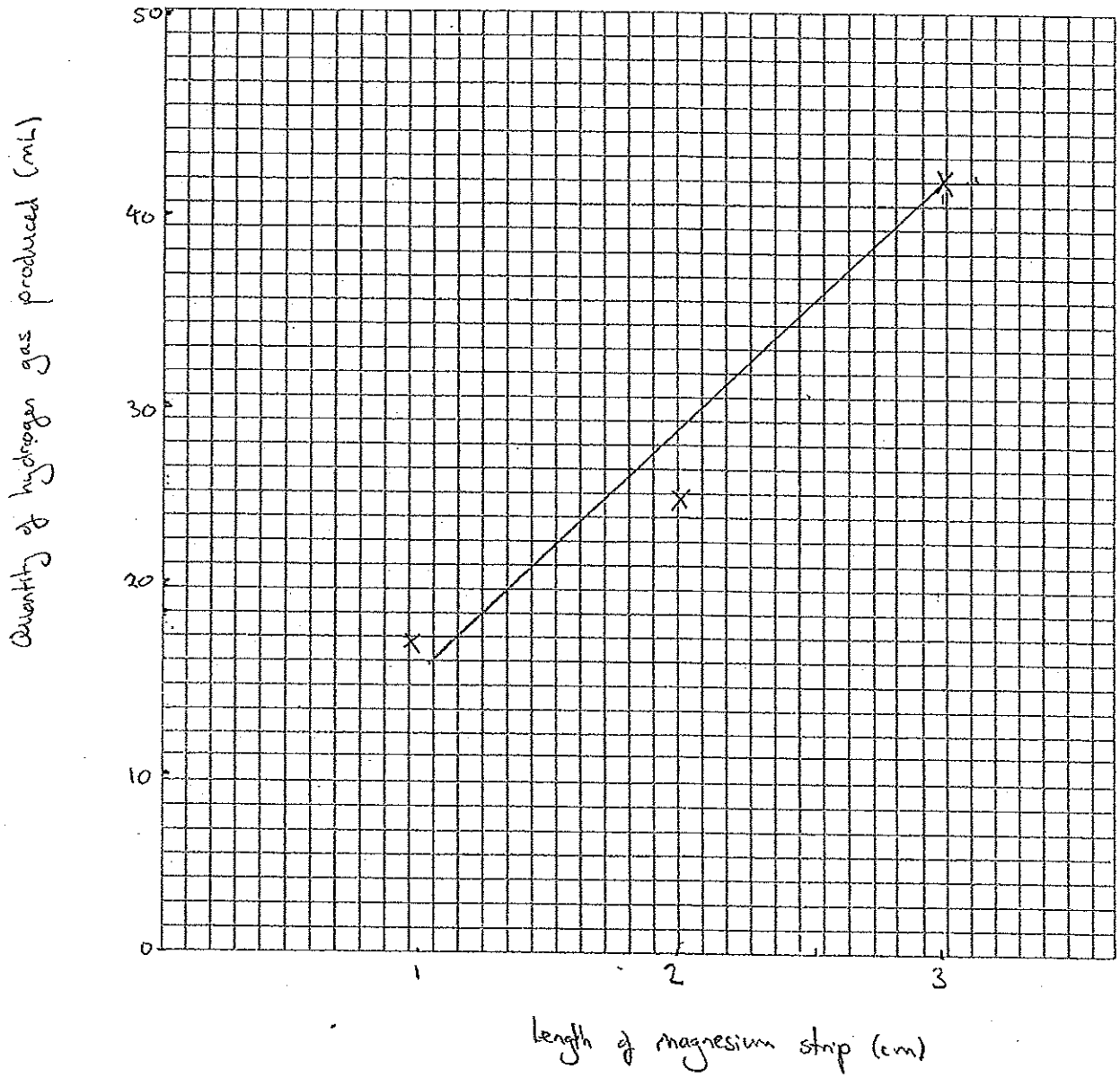
Graph the results you presented in the results table.

Fig. 3: Amount of hydrogen gas produced by a magnesium and hydrochloric acid reaction



Graph

CRITERA	Comment
Graph done exclusively in pencil	✓
The independent variable is on the X axis & dependent variable on the Y axis	✓
The X axis and Y axis are labelled	✓
The X axis and Y axis have appropriate units	✓
The X axis and Y axis have appropriate/uniform scales	✓
The graph uses the majority of the graph paper	✓
The points are plotted accurately with an X	✓
The appropriate graph has been drawn (column, line/curve of best fit etc.)	✓

Self Evaluation

(A) B C D E

Comment: I think I have created a ~~ge~~ line graph that clearly displays the data and corresponding trends and adheres to the correct conventions of graphing.

Peer Evaluation

(A) B C D E

Comment: Very well done. Fulfills all criteria.

Following Teacher Review:

Self Evaluation

~~A~~ (B) C D E

Comment: I think I have ~~done~~ drawn a good graph, but have forgotten a few points, such as putting ~~at~~ arrows on and drawing in the axes, extending the line to the origin (no arrow on line of best).

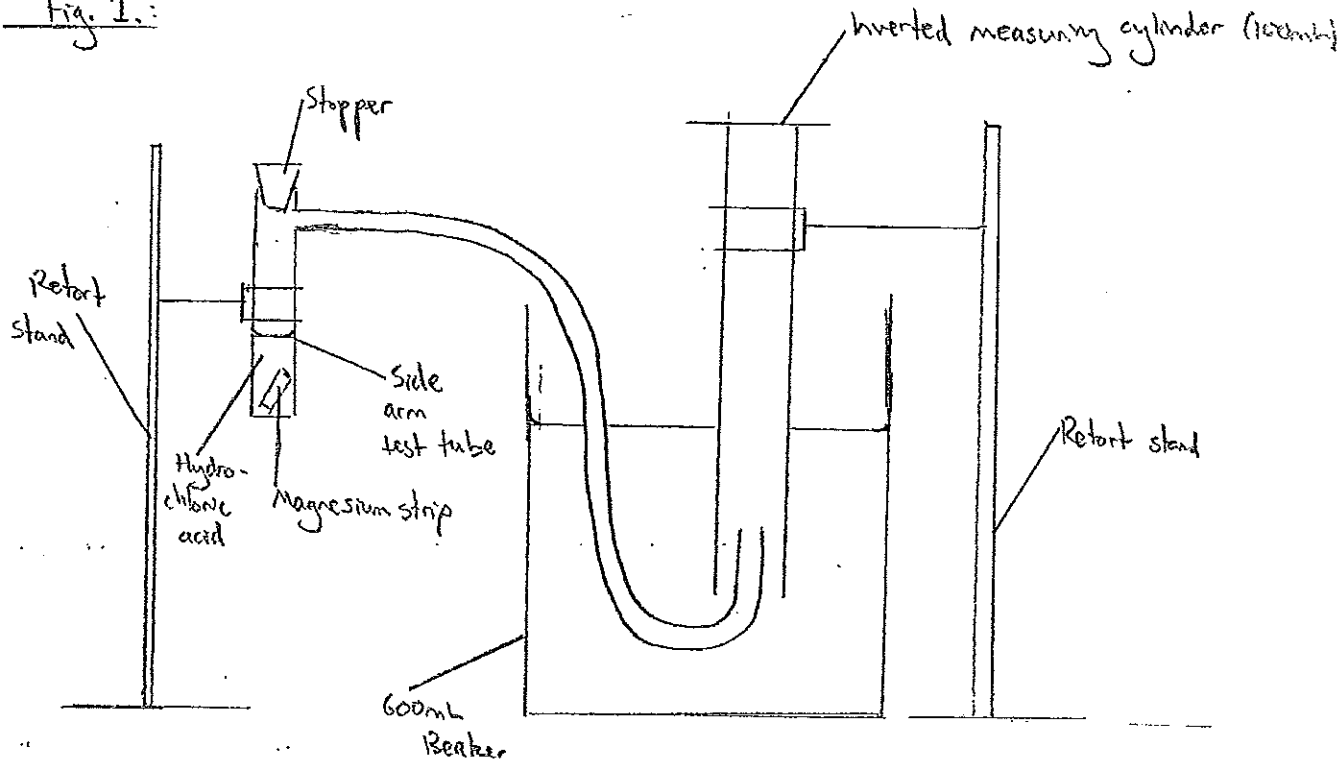
Peer Evaluation

A (B) C D E

Comment: ~~Also~~ Very good. Just needs to extend to zero and needs axis markings.

Do a scientific diagram of the apparatus set up.

Fig. 1.:



In the space below, construct a table to present your results.

Fig. 2. Results:

		Amount of Hydrogen gas (mL)
Length of Magnesium strip (cm)	1	16
	2	25
	3	43

Diagram

CRITERA	Comment
Diagrams must be done in pencil.	✓
Diagrams must have a heading.	
Scientific diagrams are always done 2 dimensionally (cross section) and a ruler must be used for all straight lines.	✓
The diagram is to be large and all components must be in proportion.	✓
No lines are to be drawn across the top of glassware or where liquid is to pass through.	✓
All components of the diagram must be labelled (in pencil) and labels are to be clear and the arrow head is to indicate the identified object clearly.	

Self Evaluation

A (B) C D E

Comment: I think I have constructed a reasonably clear ~~cut-away~~ diagram that represents the experimental set up accurately. But has omitted a ~~the~~ proper heading and arrowhead labels.

Peer Evaluation

(A) B C D E

Comment: Fantastic diagram. Very neat. Only downside is use of arrow-heads.

Following Teacher Review:

Self Evaluation

A (B) C D E

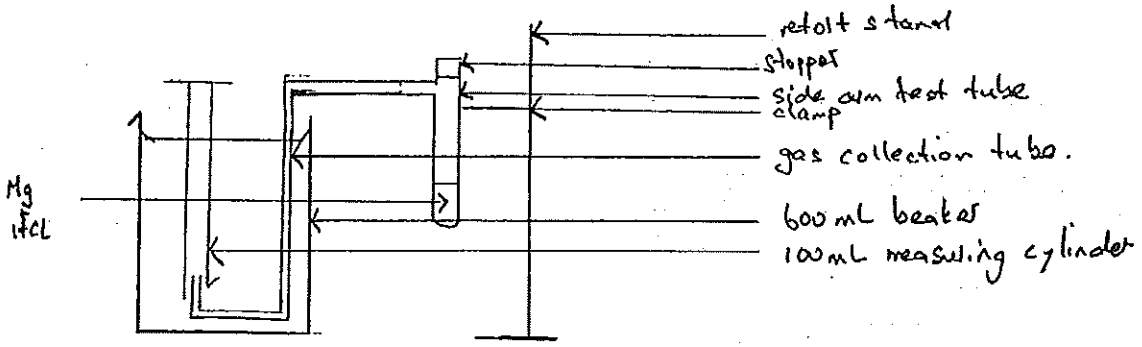
Comment: Looking at the example I have omitted several elements (note: use arrowheads, straight lines, labels down one side, 'not to scale').

Peer Evaluation

A (B) C D E

Comment: Very good. Just a few small things that ~~needs~~ need looking at.

Do a scientific diagram of the apparatus set up.



In the space below, construct a table to present your results.

	Volume of Hydrogen Gas collected (mL)			
Size of Mg (cm)	Trial 1	Trial 2	Trial 3	Average
1				
2				
3				
4				