

Name _____

Class _____

7
F
C

Acids can be corrosive. Acids react with many substances to form new materials. One of these materials is often a gas.



- 1** How can you tell from the diagram that a reaction is happening in the test tube?

If you looked at the thermometer while the reaction was happening, what would you see?

What safety precautions should you take if you did this experiment?

- 2** Describe how you would test a gas to see if it is hydrogen.

If the gas *is* hydrogen, what would you see?

- 3** Describe how you would test a gas to see if it is carbon dioxide.

If the gas *is* carbon dioxide, what would you see?

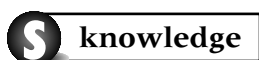
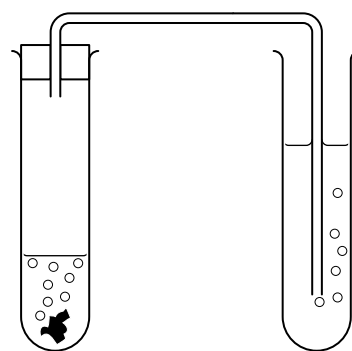
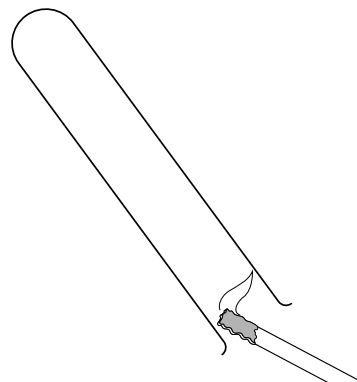
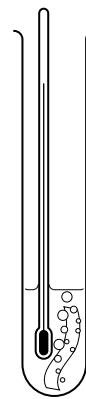
- 4** Which gas would you get if you carried out these reactions?

hydrochloric acid + magnesium produces _____ gas

nitric acid + calcium carbonate produces _____ gas

hydrochloric acid + magnesium carbonate produces _____ gas

sulphuric acid + magnesium produces _____ gas



knowledge