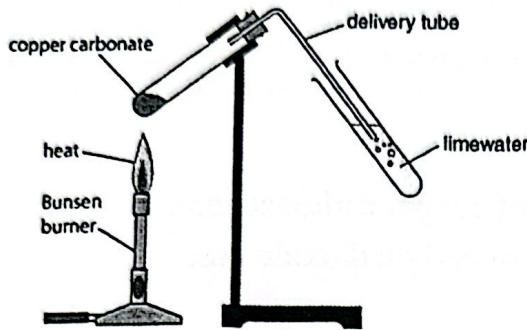


Questions:



2 Look at the diagram opposite, which shows how copper carbonate can be broken down.

a What is this kind of reaction called?

Thermal decomposition.

b Name the products of this reaction?

Copper oxide + carbon dioxide

c Describe two signs that a chemical reaction has occurred?

- colour change [green to black]

- limewater goes milky.

[Gas given off]

d Complete the word equation for the change.



e) What is the test for the gas formed in this reaction?

limewater changes to milky or cloudy when carbon dioxide is bubbled through it.