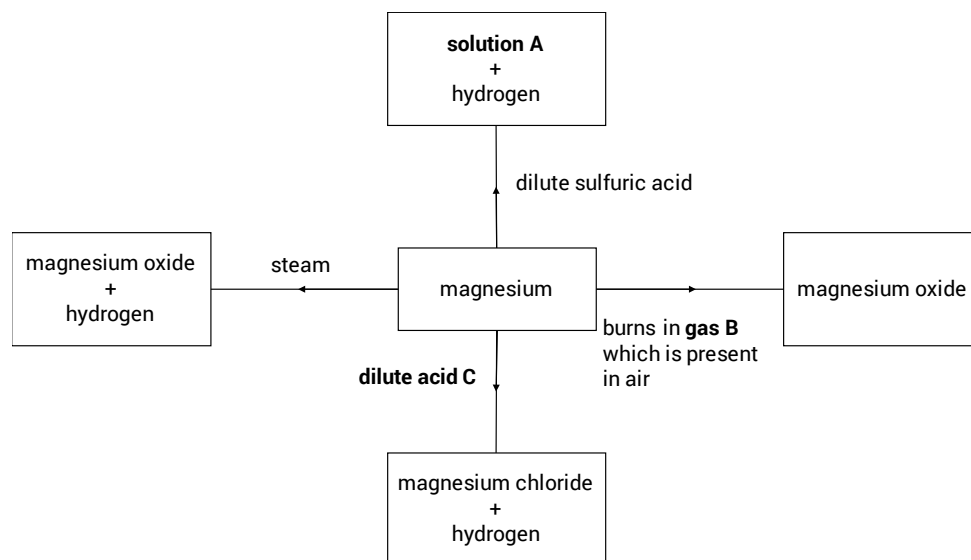


0 1

The diagram shows some of the reactions of magnesium.



0 1 . 1

Complete the table below to give the identity of substances A, B and C.

[3 marks]

Substance	Identity	
solution A	magnesium sulfate	[1]
gas B	oxygen	[1]
dilute acid C	hydrochloric acid	[1]

0 1 . 2

Write a chemical equation for the reaction between magnesium and steam.

[1 mark]

**TOP TIP :**

This reaction might not be one that you have learnt as it is not strictly in the specification, but all the information you need is in the information at the start of the question.

Always read the whole question carefully.

(Total 4 marks)

End