1 0 1 The diagram shows some of the reactions of magnesium. solution A hydrogen dilute sulfuric acid magnesium oxide steam magnesium magnesium oxide hydrogen burns in gas B which is present dilute acid C in air magnesium chloride hydrogen Complete the table below to give the identity of substances A, B and C. [3 marks] **Identity Substance** solution A gas B dilute acid C Write a chemical equation for the reaction between magnesium and steam. 2 [1 mark]

End

(Total 4 marks)