

AS-Chapter 3 Handout

1. (a) Sodium reacts with cold water

(b) What would you see as the reaction proceeds?

.....

.....

.....

.....

(3)

(c) Write the balanced chemical equation for this reaction

.....

(1)

(d) Calculate the volume of gas produced if 3.0 g of sodium reacts with an excess of water

(One mole of any gas at the temperature and pressure of the experiment occupies  $24 \text{ dm}^3$ )

(3)  
Total 7 marks

2. (a) (i) What is meant by the mass number of an atom?

.....

(1)

# June 2013 Chemistr Unit 3b Paper 1a

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**June 2013 Chemistr Unit 3b Paper 1a1:**

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