

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 dm^3)

(3)
Total 7 marks

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

.....

(1)

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