

<b>Name:</b>	<b>Class:</b>
Teacher:	Date:

**Reactions of metals with alkalis. (example: sodium hydroxide)**

*\*safety classes to be worn: Acids are corrosive and alkalis irritants\**

- 1) Into a test tube put a small amount of aluminium powder.
- 2) Add carefully 5 ml of dilute sodium hydroxide.
- 3) Record your observations, test carefully for hydrogen.
- 4) Repeat the experiment for Zinc, copper and iron.

**Results:**

<b>Metal</b>	<b>Observations</b>
Aluminium	
Zinc	
Copper	
Iron	

**Questions:**

- 1) Which metals react with sodium hydroxide?

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- 2) What evidence is there of a reaction?

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- 3) Try and find out the name of the products produced in this reaction and hence write word and symbol equations for the reactions.

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