

Acids and Bases

1 Sodium hydroxide and hydrochloric acid react to produce sodium chloride and water.

Name the type of reaction described.

..... (1 mark)

Explain, in terms of ions and molecules, what happens when **any** acid reacts with **any** alkali.

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..... (3 marks)

1 (a) Ammonium nitrate is a useful substance made by a similar reaction to the above. Name the acid that would be used to form ammonium nitrate.

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..... (1 marks)

(Total 5 marks)

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