

AQA, OCR, Edexcel

GCSE Science

GCSE Chemistry

Reaction of acids
Questions

M M E

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Total Marks: /22

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Q1: What is produced when acids react with metals that are not in group 1?

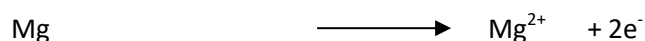
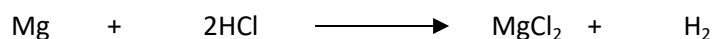
(2 marks)

Q2: Fill in the spaces with the words in the boxes.

Oxidation is _____ of electrons. Reduction is _____ of electrons.

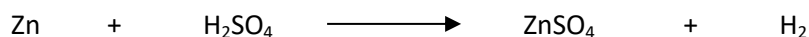
(2 marks)

Q3: Magnesium reacts with hydrochloric acid in the equation below. Label which reaction is oxidised and which is reduced.



(2 marks)

Q4: Zinc reacts with sulphuric acid in the equation below. Write out two separate equations for the species that are oxidised and reduced.



Then label the species that has been oxidised or reduced.

(4 marks)

Q5: Acids can be neutralised by bases. This produces two products, what are they?

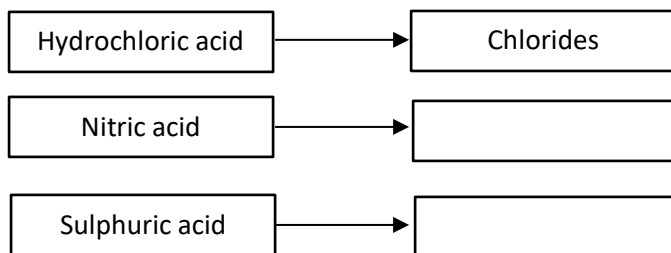
(2 marks)

Q6: Acids are also neutralised by metal carbonates. Another product is made, what is it?

(1 mark)

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Q7: The salt that is produced depends on the acid used. For example, hydrochloric acid produces chlorides. Which salts are produced for the following acids?



(2 marks)

Q8: Fill in the products for the equation below.



(2 marks)

Q9: Describe how soluble salts can be made.

(3 marks)

Q10: How are solid salts produced from salt solutions?

(2 marks)