

AQA, OCR, Edexcel

GCSE Science

GCSE Chemistry

**Chemical Cells and Fuel Cells
Questions**

M M E

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Total Marks: /19

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Q1: How do cells produce electricity?

(1 mark)

Q2: What two things is the voltage of a cell dependent upon?

(2 marks)

Q3: Give the components that are needed for a cell to be made.

(2 marks)

Q4: How are batteries made using cells?

(2 marks)

Q5: Label which statements are true or false.

In a non-rechargeable cell or battery, the chemical reactions stop when one of the reactants has been used up.

True/False

Acidic batteries are non-rechargeable.

True/False

Rechargeable cells and batteries can be recharged even when all the reactants are used up because the chemical reactions can continue after this point.

True/False

(3 marks)

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Q6: For the statements that were false, write the correct version.

(2 marks)

Q7: Complete the following sentences.

Fuel cells are supplied by an _____ source of fuel (eg _____) and oxygen or _____

The fuel is oxidised _____

Within the fuel cell the fuel is oxidised to produce a _____

(5 marks)

Q8: Describe the reaction in a hydrogen fuel cell?

(2 marks)