

AQA, OCR, Edexcel

GCSE Science

GCSE Chemistry

Reactivity of Metals
Questions



Total Marks: /24

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Q1: Complete the sentences by filling in the gaps using some of the words in the boxes.

Metals react with _____ to produce _____. The reactions are _____ reactions because the metals _____ oxygen.

Oxygen	Metal Oxides	Oxidation	Reduction	Gain	Lose
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(4 marks)

Q2: In terms of loss or gain of oxygen, what is oxidation and reduction?

Oxidation _____

Reduction _____

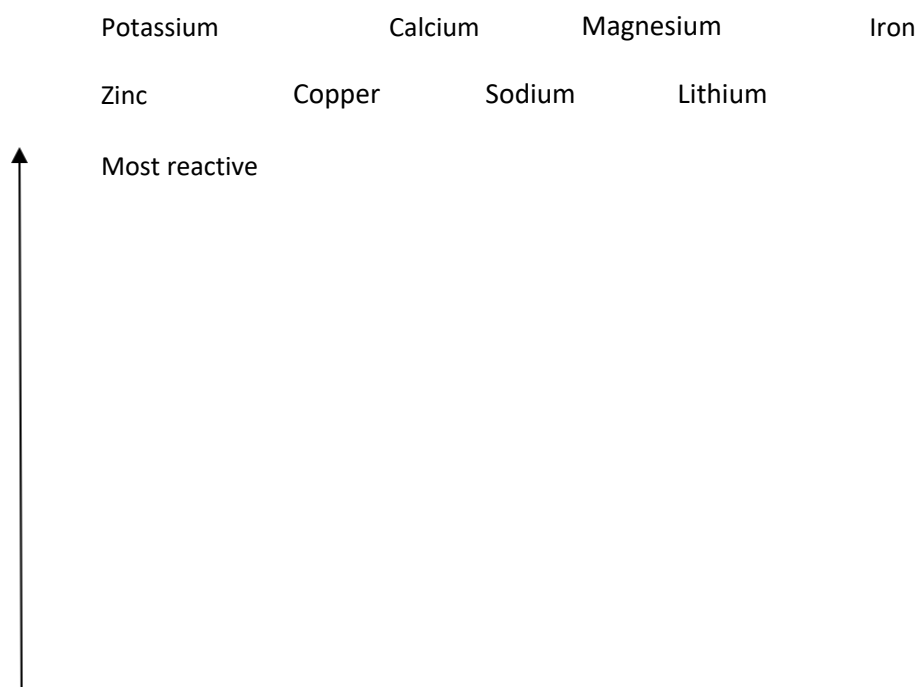
(2 marks)

Q3: When metals react with other substances what type of ions do they form?

(1 mark)

Q4: Metals and the non-metals can be arranged in the order of their reactivity in a reactivity series.

Place them in the order of their reactivity.



(8 marks)

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Q5: Give an example of an unreactive metal and how it is often found in the Earth.

(2 marks)

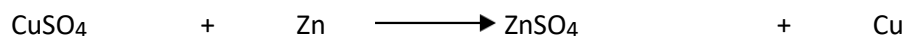
Q6: How can metals less reactive than carbon be extracted?

(2 marks)

Q7: In terms of electrons, describe oxidation and reduction.

(2 marks)

Q10: For the following reaction. Write two ionic equations and label which one is reduction and which one is oxidation.



(3 marks)