

0	1
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The method used to extract metals depends on its reactivity.

For each of the metals below, describe a method that can be used to extract the metal.

0	1	.	1
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Aluminium

[1 mark]

.....

0	1	.	2
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Iron

[2 marks]

.....

0	1	.	3
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Silver

[1 mark]

.....

0	2
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Sodium metal was not extracted until the 1800s. Gold has been used by humans for thousands of years.

0	2	.	1
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Explain why sodium was not extracted until the 1800s while gold has been used for thousands of years.

[4 marks]

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.....

.....

0	3
0	3

1

Copper is commonly used for electrical wiring.

Write the balanced symbol equation for the reaction of copper (II) oxide with carbon.

[2 marks]

.....

0	3	.	2
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What type of reaction is this?

[1 mark]

.....

0	3	.	3
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Name the species that is reduced, and explain your reason in terms of oxygen.

[2 marks]

Name of species reduced

Reason

.....

(Total 13 marks)

End