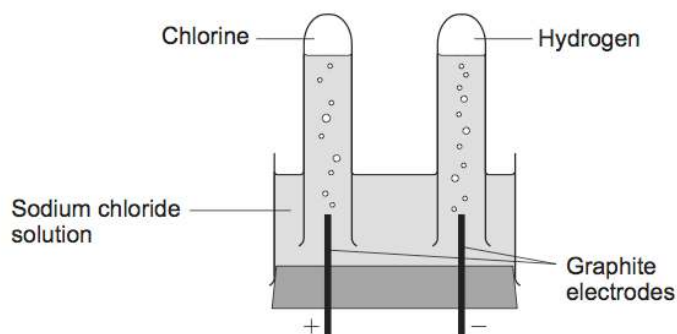


0	1
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Sodium chloride solution can be used to produce hydrogen gas and chlorine gas.

A student did an experiment to produce hydrogen and chlorine gas.

The diagram shows the apparatus involved.



0	1	.	1
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Describe what happens at the negative electrode when a current is flowing.

[3 marks]

.....

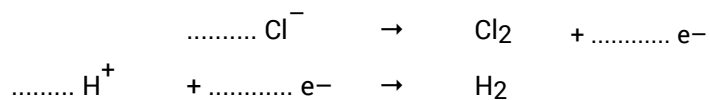
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0	1	.	2
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Balance the equations for the reactions at the electrodes.

[2 marks]



0	1	.	3
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Name the other substance that is produced by this method.

[1 mark]

.....

.....

(Total 6 marks)

End