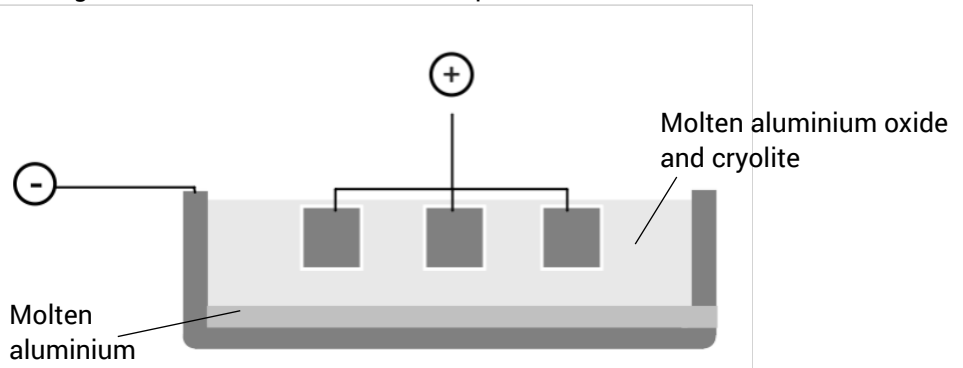


0	1
---	---

The diagram shows a cell that is used to produce aluminium.



0	1	.	1
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Oxygen is produced at the positive electrode. Cryolite is required in the process. Explain why. **[2 marks]**

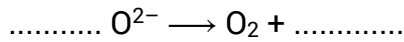
.....

.....

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0	1	.	2
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Complete and balance the equation for this reaction. **[2 marks]**



0	1	.	3
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The positive electrodes in the cell are made of graphite. They have to be replaced often.

Explain why. **[2 marks]**

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**(Total 6 marks)**

**End**