

ELECTROLYSIS (B)

ı	Write balanced half equations for these conversions.						
	a Mg ²⁺ ions → Mg atoms						
b Al ³⁺ ions → Al atoms							
	c Γ ions → I_2 molecules						
	d O^{2-} ions $\rightarrow O_2$ mo	olecules					
2 Complete the table to show which ions are discharged and what is formed at each electrode in thes electrolysis processes.							
		molten		positive electrode		negative electrode	
	substance	or aqueous	formula	ions discharged	product	ions discharged	product
	potassium bromide	molten					
	potassium bromide	aqueous					
	silver(I) sulfate	aqueous					
	magnesium nitrate	aqueous					
	Explain why hydrogel aqueous sodium chlor		an sodium is	s formed at the	negative elect	rode during the	electrolysis of

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