ELECTROLYSIS PRACTICE QUESTIONS AND PROBLEMS

Reduction always takes place at the ______.

Oxidation always takes place at the ______.

When a molted (melted)	ionic compound undergoes electrolysis, the	ion will
be oxidized, and the	ion will be reduced.	

For the following substances, indicate which ions or molecules are present, and indicate what would be oxidized and what would be reduced. Then write the half reactions that take place at each electrode.

1) AICI_{3(I)}

present:	cathode:	\rightarrow
oxidized:	anode:	\rightarrow
reduced:		
2) FeBr _{3(I)}		
present:	cathode:	\rightarrow
oxidized:	anode:	\rightarrow
reduced:		
3) CoF _{2 (I)}		
present:	cathode:	\rightarrow
oxidized:	anode:	\rightarrow
reduced:		
4) KI ₍₁₎		
present:	cathode:	\rightarrow
oxidized:	anode:	\rightarrow
reduced:		

5) NaCl_(I)

present:	cathode:	\rightarrow
oxidized:	anode:	\rightarrow

reduced:_____