

Electrolysis

Chemistry

What happens at each electrode, and how to predict the products.

Predicting products in aqueous solution.

Electrode	Attracts	Rule
Cathode (–)	Cations	Less reactive than hydrogen → metal; else hydrogen
Anode (+)	Anions	Halide present → halogen; else oxygen

PANIC: Positive Anode, Negative Is Cathode. Oxidation happens at the anode; reduction at the cathode.