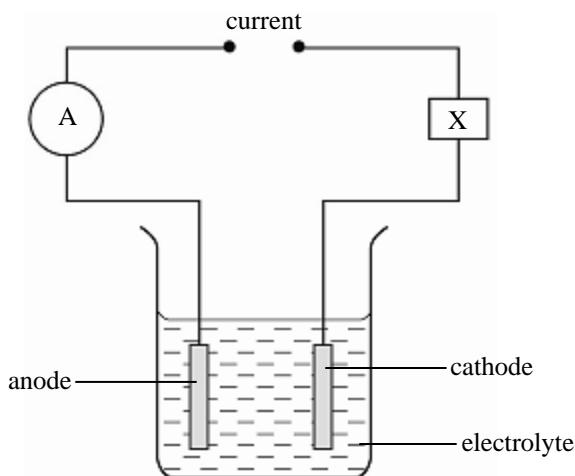




CHAPTER 5: ENERGY AND CHEMICAL CHANGES

- 1 A student wishes to obtain pure copper from a piece of impure copper. He intends to carry out the following steps in the work.



Which step is **incorrect**?

- A Use a rheostat at X.
 - B Use dilute sulphuric acid as the electrolyte.
 - C Use the piece of impure copper as the anode.
 - D Use a direct current for the electrolysis.
- 2 Which of the following does **not** use the process of electrolysis?
- A Extracting aluminium from its ore
 - B Silver-plating a school badge
 - C Obtaining a sample of lead from lead oxide
 - D Splitting water into its components
- 3 Copper chloride solution is electrolysed using carbon electrodes. What are formed at the anode and the cathode?

	Anode	Cathode
A	Oxygen	Chlorine
B	Hydrogen	Chlorine
C	Hydrogen	Copper
D	Chlorine	Copper