

## Extracting metals – words

### Answers

Students are asked to match the words with their meaning and label the diagram.

1 = I

2 = E

3 = G

4 = B

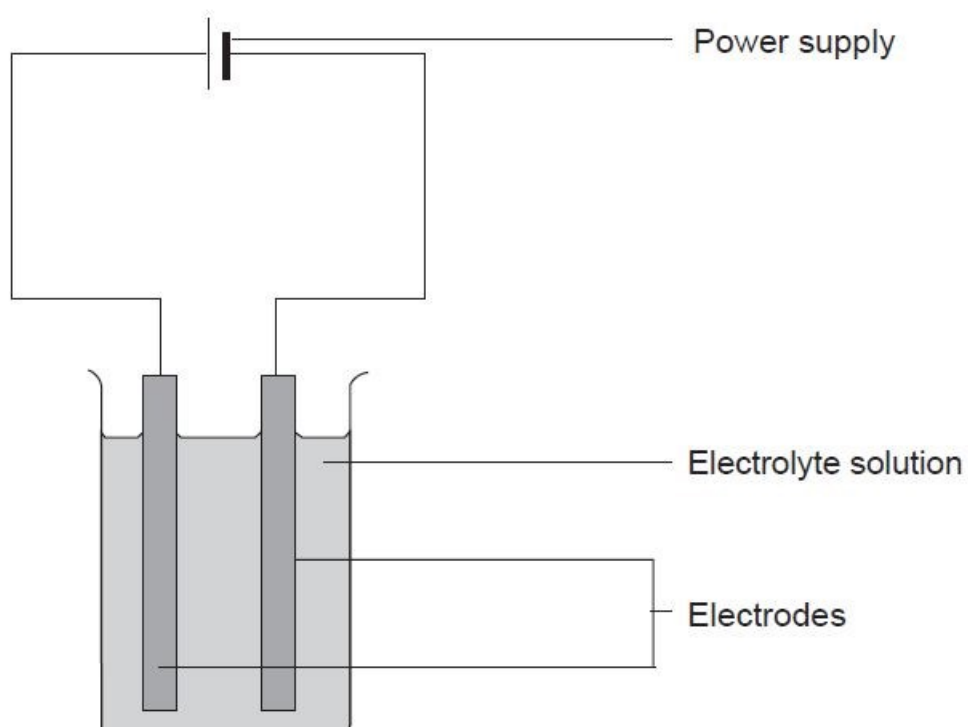
5 = H

6 = C

7 = A

8 = D

9 = F



Match the following words with their meanings, check with your teacher, and then label the diagram below as fully as you can. Include both the names of each part of the apparatus and a description of what happens to the substances there.

Word	Meaning
Electrode 1	Breaking up a substance by passing electricity through it A
Electrolyte 2	Adding oxygen to, or removing electrons from, a substance B
Reduction 3	Positive electrode C
Oxidation 4	When one element is pushed out of its compound by a more reactive element D
Cathode 5	Substance that is broken up when electricity is passed through it – usually a liquid E
Anode 6	The percentage of the reactants that end up in the desired products of a reaction F
Electrolysis 7	Removing oxygen from, or adding electrons to, a substance G
Displacement 8	Negative electrode H
Atom economy 9	A conductor made of a metal or graphite used in electrolysis I

### Answers

Word	Meaning
1	
2	
3	
4	
5	
6	
7	
8	
9	

