NOVA SCOTIA CHEMISTRY 12 · UNIT D · 5 QUESTIONS

Electrochemical Changes — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A current of 4 amperes flows for 50 seconds. The charge transferred, in coulombs, is**

ANSWER _____

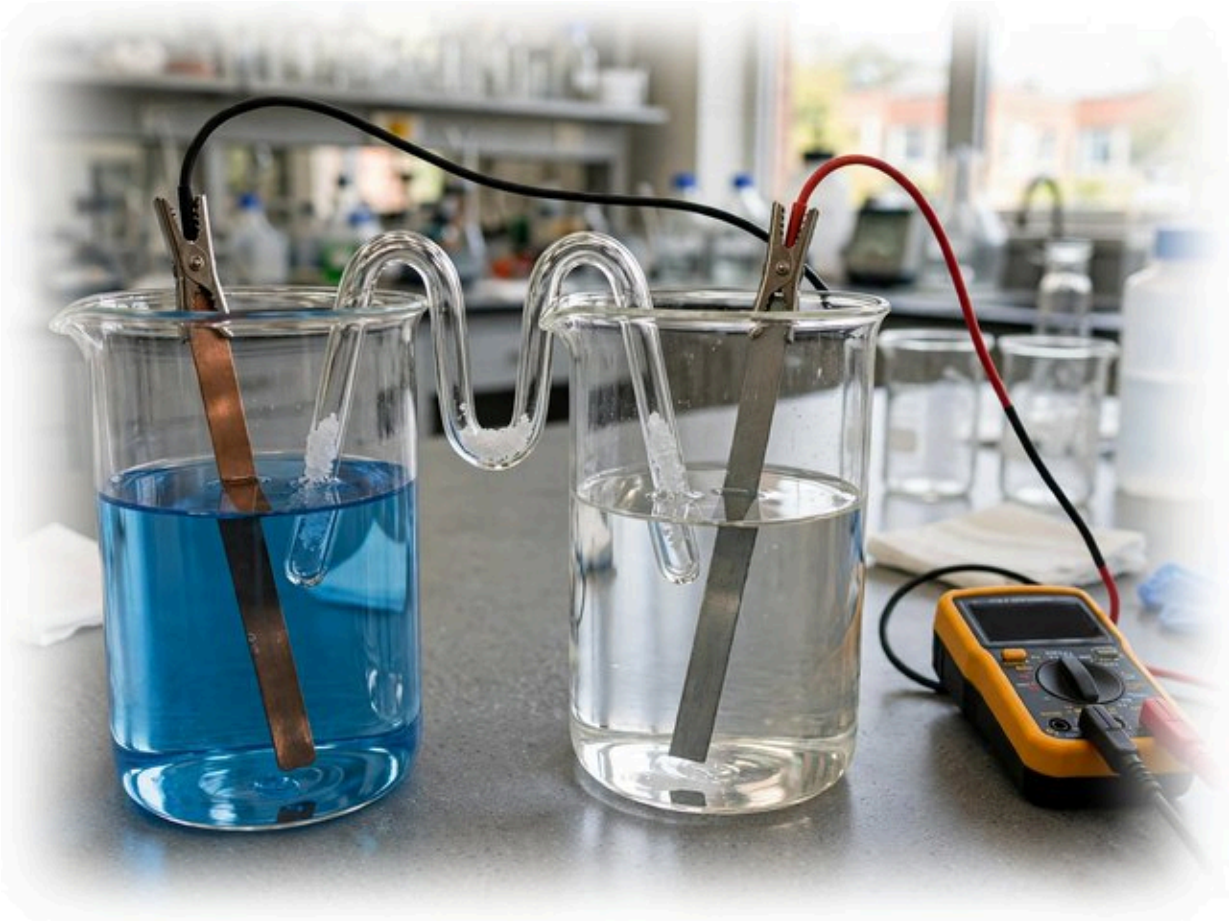
Understand It with Pulse | Flag a mistake

2 **A current of 3 amperes flows for 120 seconds. The charge transferred, in coulombs, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A cell has a cathode reduction potential of 0.8 volts and an anode reduction potential of -0.76 volts. The cell potential, in volts, is**



ANSWER

Understand It with Pulse | Flag a mistake

4 **A cell has a cathode reduction potential of -0.25 volts and an anode reduction potential of -0.76 volts. The cell potential, in volts, is**

ANSWER

Understand It with Pulse | Flag a mistake

5 **A current supplies 6 moles of electrons to a solution containing metal ions that each need 2 electrons to deposit. The moles of metal deposited are**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 200
2. 360
3. 1.56
4. 0.51
5. 3

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