SASKATCHEWAN CHEMISTRY 30 · UNIT E · 10 QUESTIONS

Electrochemistry — 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 voltage of 20 V is applied across a resistance of 4 ohms. The current, in amperes, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A current of 5 A flows through a resistance of 6 ohms. The voltage, in volts, is _____**

ANSWER _____

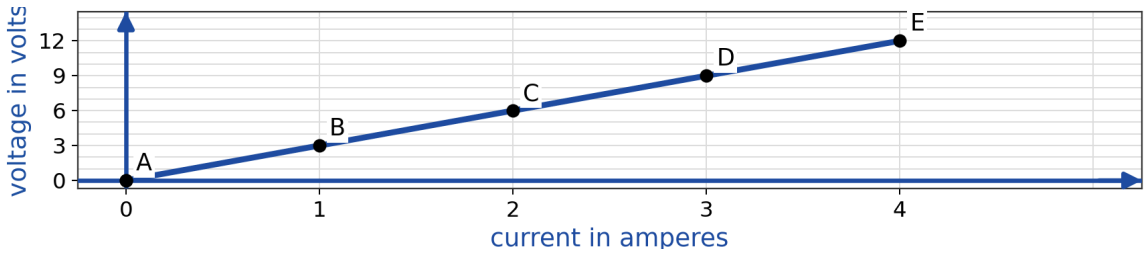
Understand It with Pulse | Flag a mistake

3 **A device uses 20 V and 2 A. Its power, in watts, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The graph shows voltage rising with current. The relationship is**



- **A** directly proportional
- **B** inversely proportional
- **C** unrelated
- **D** decreasing

Understand It with Pulse | Flag a mistake

5 **The substance with the higher reduction potential is more likely to be**

- **A** reduced
- **B** oxidized
- **C** unchanged
- **D** a salt bridge

Understand It with Pulse | Flag a mistake

6 **A voltage of 15 V is applied across a resistance of 5 ohms. The current, in amperes, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A current of 3 A flows through a resistance of 20 ohms. The voltage, in volts, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A voltage of 36 V is applied across a resistance of 12 ohms. The current, in amperes, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A current of 1 A flows through a resistance of 9 ohms. The voltage, in volts, is _____**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A voltage of 40 V is applied across a resistance of 8 ohms. The current, in amperes, is _____**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 5
2. 30
3. 40
4. A
5. A
6. 3
7. 60
8. 3
9. 9
10. 5

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