ENGLAND GCSE PHYSICS AQA FOUNDATION · UNIT 2 · 5 QUESTIONS

Electricity — 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 tennis ball bounces. What happens to its kinetic energy?**

- A it all stays kinetic energy
- B it becomes light energy
- C it disappears completely
- D some becomes heat

Understand It with Pulse | Flag a mistake

2 **A resistor has a potential difference of 12 V across it and a resistance of 4 ohms. What is the current?**

- A 48 A
- B 3 A
- C 6 A
- D 1.5 A

Understand It with Pulse | Flag a mistake

3 **What is the voltage of UK mains electricity?**

- A 400 V
- B 230 V
- C 110 V
- D 12 V

Understand It with Pulse | Flag a mistake

4 **A device works at 12 V with a current of 2 A. What is its power?**

- A 48 W
- B 34 W
- C 12 W
- D 24 W

Understand It with Pulse | Flag a mistake

5 **A current of 5 A flows for 10 seconds. How much charge flows?**

- A 60 C
- B 100 C
- C 50 C
- D 25 C

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. D
2. B
3. B
4. D
5. C

© 2026 Brett Robbins. All Rights Reserved.