ENGLAND GCSE PHYSICS OCR GATEWAY FOUNDATION · UNIT 7 · 5 QUESTIONS

Energy — 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 rocket in space has no air around it. What happens to air resistance?**

- A there is none
- B it increases
- C it stays the same
- D it becomes gravity

Understand It with Pulse | Flag a mistake

2 **A machine wastes 30 J as heat for every 70 J of useful energy. What is its efficiency?**

- A 70%
- B 43%
- C 100%
- D 30%

Understand It with Pulse | Flag a mistake

3 **A device transfers 500 J of energy in 25 seconds. What is its power?**

- A 20 W
- B 10 W
- C 12500 W
- D 40 W

Understand It with Pulse | Flag a mistake

4 **A 2 kg object moves at 2 m/s. What is its kinetic energy?**

- A 4 J
- B 14 J
- C 2 J
- D 8 J

Understand It with Pulse | Flag a mistake

5 **A cheese pizza contains cheese made from milk. What is milk rich in?**

A calcium

B iron

C fibre

D vitamin C

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. A
3. A
4. A
5. A

© 2026 Brett Robbins. All Rights Reserved.