ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY HIGHER · UNIT 16 · 5 QUESTIONS

Explaining Motion — 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 so it can be fixed.

1 **A basketball bounces. What type of energy is stored when the ball squashes?**

- A elastic potential
- B kinetic
- C gravitational potential
- D thermal

Understand It with Pulse | Flag a mistake

2 **Why do cars have seatbelts?**

- A they make the car heavier
- B they stop the car faster
- C they stretch the stopping time
- D they hold the engine in place

Understand It with Pulse | Flag a mistake

3 **What does a gear do in a bicycle?**

A it makes the wheels bigger and heavier

B it changes force and speed

C it stores energy

D it stops the bike

Understand It with Pulse | Flag a mistake

4 **Why does a falling object reach a top speed?**

A the air disappears

B the object runs out of energy

C drag grows to match weight

D gravity stops acting

Understand It with Pulse | Flag a mistake

5

A red race car has a large rear wing. What does the wing do?

A increases speed

B reduces drag to zero

C increases grip

D reduces grip

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.