ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · UNIT 18 · 5 QUESTIONS

Motion and Forces — 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 wristwatch measures time. What is the unit of time?**

- A the minute
- B the hour
- C the day
- D the second

Understand It with Pulse | Flag a mistake

2 **A 10 kg trolley moves at 10 m/s. What is its momentum?**

- A 100 kg m/s
- B 200 kg m/s
- C 105 kg m/s
- D 50 kg m/s

Understand It with Pulse | Flag a mistake

3 **A red race car travels at a steady speed. What is the resultant force on the car?**

- A 500 N
- B 1000 N
- C 0 N
- D 100 N

Understand It with Pulse | Flag a mistake

4 **An object speeds up from 10 m/s to 20 m/s in 10 seconds. What is its acceleration?**

- A 2 m/s^2
- B 1 m/s^2
- C 0.5 m/s^2
- D 10 m/s^2

Understand It with Pulse | Flag a mistake

5 **Hardcover books have mass. What is mass measured in?**

A newtons, the unit of force

B kilograms

C watts

D joules

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.