ENGLAND GCSE PHYSICS OCR GATEWAY FOUNDATION · UNIT 2 · 5 QUESTIONS

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 to let Brett know so he can fix it.

1 **A kite rises higher. What happens to the wind speed usually?**

- A it becomes zero
- B it increases
- C it stays the same
- D it decreases

Understand It with Pulse | Flag a mistake

2 **A passenger train brakes. What force slows it down?**

- A friction
- B thrust
- C lift
- D gravity, pulling it down

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

Understand It with Pulse | Flag a mistake

4 **What force is needed to accelerate a 10 kg object at 5 m/s squared?**

- A 55 N
- B 25 N
- C 50 N
- D 100 N

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5 **A force of 500 N acts on an area of 2 square metres. What is the pressure?**

- A 250 Pa
- B 500 Pa
- C 125 Pa
- D 255 Pa

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ANSWER KEY

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

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