ENGLAND GCSE PHYSICS EDEXCEL HIGHER · UNIT 9 · 5 QUESTIONS

Forces and Their Effects — 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 **Hardcover books are dropped. What happens to their speed as they fall?**

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

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2 **A force of 100 N acts on an area of 5 square metres. Calculate the pressure in pascals.**

- A 20
- B 10
- C 40
- D 35

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3 **A force of 400 N acts on an area of 5 square metres. What is the pressure?**

- A 160 Pa
- B 2000 Pa
- C 80 Pa
- D 40 Pa

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4 **A force of 25 N acts 3 m from a pivot. Calculate the moment in Nm.**

- A 150
- B 90
- C 37
- D 75

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5 **A force of 500 N acts on an area of 4 square metres. What is the pressure?**

- A 62 Pa
- B 250 Pa
- C 130 Pa
- D 125 Pa

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ANSWER KEY

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

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