ENGLAND GCSE PHYSICS EDEXCEL FOUNDATION · 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** **A wristwatch is used to time a race. What is speed calculated from?**

- A mass and time together
- B distance and time
- C time only, not distance
- D distance only, not time

Understand It with Pulse | Flag a mistake

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

- A it changes force and speed
- B it stops the bike
- C it makes the wheels bigger and heavier
- D it stores energy

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

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

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4 **A force of 500 N acts on an area of 10 square metres. What is the pressure?**

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

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5 **A force of 100 N acts on an area of 5 square metres. What is the pressure?**

- A 25 Pa
- B 10 Pa
- C 20 Pa
- D 40 Pa

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## ANSWER KEY

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

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