ENGLAND GCSE PHYSICS AQA HIGHER · UNIT 8 · 5 QUESTIONS

Space Physics — 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 red race car has a large rear wing. What does the wing do?**

- A increases speed
- B reduces grip
- C reduces drag to zero
- D increases grip

Understand It with Pulse | Flag a mistake

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

- A joules
- B kilograms
- C newtons, the unit of force
- D watts

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3 **A satellite orbits at a radius of 200 km and takes 20 seconds for one orbit. Use pi = 3.14. What is its orbital speed?**

- A 62.8 km/s
- B 31.4 km/s
- C 125.6 km/s
- D 67.8 km/s

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4 **A rocket is pushed up by hot gases. What is the upward force called?**

- A thrust
- B lift
- C drag
- D weight

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5

A bicycle is ridden uphill. Which energy store increases?

A gravitational potential

B thermal energy from friction

C elastic potential energy

D kinetic energy of motion

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ANSWER KEY

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

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