ENGLAND GCSE MATHS AQA HIGHER · UNIT 10 · 5 QUESTIONS

Geometry, Measurement, Area, Volume and Circles — 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 swimming pool is 25 m long, 10 m wide and 2 m deep. Its volume is**

- **A** 500 m^3
- **B** 600 m^3
- **C** 250 m^3
- **D** 520 m^3

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2 **A chocolate cake is a cylinder with radius 12 cm and height 6 cm. Its volume, to one decimal place, is about**

- **A** 5428.7 cm^3
- **B** 226.2 cm^3
- **C** 452.4 cm^3
- **D** 2714.3 cm^3

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3 **A roundabout has a radius of 7 m. Its area, to one decimal place, is about**

- **A** 153.9 m^2
- **B** 22 m^2
- **C** 307.9 m^2
- **D** 44 m^2

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4 **A circle has radius 9 cm. An arc with central angle 90° has length, to one decimal place, about**

- A 14.1 cm
- B 28.2 cm
- C 56.5 cm
- D 63.6 cm

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5 **A rectangle is 12 cm long and 10 cm wide. Its perimeter is**

- A 22 cm
- B 120 cm
- C 46 cm
- D 44 cm

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ANSWER KEY

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

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