ENGLAND GCSE MATHS AQA FOUNDATION · 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 cup of coffee fills a cylindrical cup with radius 5 cm and height 8 cm. The volume of the coffee is, to one decimal place, about**

- A 78.5 cm^3
- B 628.3 cm^3
- C 1256.6 cm^3
- D 125.7 cm^3

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2 **A trapezium has parallel sides of 7 cm and 13 cm, and the distance between them is 4 cm. Its area is**

- A 40 cm²
- B 91 cm²
- C 80 cm²
- D 44 cm²

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3 **A cuboid is 3 cm by 4 cm by 4 cm. Its total surface area is**

- A 40 cm²
- B 24 cm²
- C 80 cm²
- D 48 cm²

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4 **A cardboard box is 8 cm long, 2 cm wide and 6 cm high. Its volume is**

- A 16 cm^3
- B 104 cm^3
- C 22 cm^3
- D 96 cm^3

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5 **A circle has radius 6 cm. Its area, to one decimal place, is about**

- A 18.8 cm^2
- B 37.7 cm^2
- C 113.1 cm^2
- D 226.2 cm^2

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ANSWER KEY

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

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