ENGLAND GCSE MATHS OCR 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 chocolate cake is a cylinder with radius 8 cm and height 10 cm. Its volume, to one decimal place, is about**

- **A** 4021.2 cm³
- **B** 251.3 cm³
- **C** 201.1 cm³
- **D** 2010.6 cm³

Understand It with Pulse | Flag a mistake

2 **A cardboard box is 5 cm long, 3 cm wide and 4 cm high. Its volume is**

- A 19 cm^3
- B 65 cm^3
- C 15 cm^3
- D 60 cm^3

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3 **A trapezium has parallel sides of 5 cm and 7 cm, and the distance between them is 5 cm. Its area is**

- A 60 cm^2
- B 35 cm^2
- C 32 cm^2
- D 30 cm^2

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4 **A rectangle is 9 cm long and 4 cm wide. Its perimeter is**

- A 26 cm
- B 28 cm
- C 13 cm
- D 36 cm

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

- A 36 cm^2
- B 33 cm^2
- C 66 cm^2
- D 24 cm^2

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ANSWER KEY

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

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