ENGLAND GCSE MATHS EDEXCEL 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 Ferris wheel has a diameter of 10 m. Its circumference, to one decimal place, is about**

- **A** 15.7 m
- **B** 37.7 m
- **C** 31.4 m
- **D** 62.8 m

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2 **A roundabout has a radius of 5 m. Its area, to one decimal place, is about**

- **A** 31.4 m^2
- **B** 157.1 m^2
- **C** 15.7 m^2
- **D** 78.5 m^2

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3 **An ice cream cone is a cone with radius 3 cm and height 10 cm. Its volume, to one decimal place, is about**

- **A** 94.2 cm^3
- **B** 31.4 cm^3
- **C** 282.7 cm^3
- **D** 188.4 cm^3

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4 **A swimming pool is 30 m long, 8 m wide and 2 m deep. Its volume is**

- **A** 580 m³
- **B** 480 m³
- **C** 240 m³
- **D** 496 m³

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5 **A circle has a radius of 12 cm. An arc with central angle 120° has length, to one decimal place, about**

- **A** 150.8 cm
- **B** 25.1 cm
- **C** 50.2 cm
- **D** 75.4 cm

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ANSWER KEY

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

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