ENGLAND GCSE MATHS AQA HIGHER · UNIT 9 · 5 QUESTIONS

Geometry, Angles, Shapes, Constructions and Similarity — 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 15 equally spaced gondolas. The angle between neighbouring gondolas is**

- A 19
- B 24
- C 29
- D 15

Understand It with Pulse | Flag a mistake

2 **A kite has angles 90, 90, 120 and one more. The fourth angle is**

- A 70
- B 120
- C 60
- D 240

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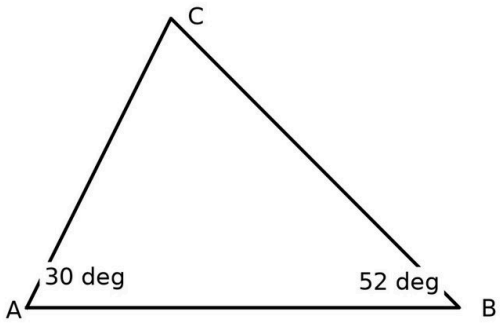
3 **A triangle has two angles of 30° and 52°. The third angle is**



- **A** 82°
- **B** 98°
- **C** 150°
- **D** 113°

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4 **A set square is a right-angled triangle with angles 90 degrees, 30 degrees and one more. The third angle is**

- A 70
- B 120
- C 60
- D 30

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5 **A shape with area 12 cm² is enlarged by scale factor 4. The area of the enlarged shape is**

- A 16 cm²
- B 48 cm²
- C 192 cm²
- D 768 cm²

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ANSWER KEY

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

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