CALIFORNIA GEOMETRY · UNIT 3 · 5 QUESTIONS

Circles and Coordinate Geometry — 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 circle has radius 8. Its area is**

- **A** 64π
- **B** 128π
- **C** 16π
- **D** 32π

Understand It with Pulse | Flag a mistake

2 **Antique brass orrery, a model of the solar system with planets around a central sun. A central angle of 120° intercepts an arc in a circle of radius 3. The arc length is**



A 4π

B π

C 6π

D 2π

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3 **A sector with radius 6 and central angle 60° has area**

- A 3π
- B 6π
- C 12π
- D 36π

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4 **An inscribed angle intercepting an arc of 110° measures**

- A 55°
- B 110°
- C 220°
- D 35°

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5 **The measure of an angle formed by two chords intersecting inside a circle is half the sum of the intercepted arcs. If the arcs are 50° and 70°, the angle measures**

A 35°

B 20°

C 120°

D 60°

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ANSWER KEY

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

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