ALASKA GEOMETRY · UNIT 2 · 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 central angle intercepts an arc of 75°. The central angle measures**

- A 37.5°
- B 150°
- C 15°
- D 75°

Understand It with Pulse | Flag a mistake

2 **An inscribed angle intercepts an arc of 150°. The inscribed angle measures**

A 150°

B 300°

C 75°

D 37.5°

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3 **In a quadrilateral inscribed in a circle, one angle measures 63°. The opposite angle measures**

A 117°

B 63°

C 180°

D 27°

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4 **Two chords intersect inside a circle. The segments of one chord are 4 and 9, and one segment of the other chord is 6. The other segment is**

- A 6
- B 12
- C 36
- D 3

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5 **A tangent segment and a secant meet outside a circle. The secant has an outside segment of 2 and a whole length of 18. The tangent segment has length**

- A 3
- B 9
- C 6
- D 36

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ANSWER KEY

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

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