Circles and Coordinate Geometry, 5-question test — 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 **An inscribed angle intercepts an arc of 140°. The inscribed angle measures**

Question 1

An inscribed angle intercepts an arc of 140°. The inscribed angle measures

A) 140°

B) 70°

C) 280°

D) 35°

- **A** 140°
- **B** 70°
- **C** 280°
- **D** 35°

Understand It with Pulse | Flag a mistake

2 An inscribed angle measures 55°. Its intercepted arc measures

Question 2

An inscribed angle measures 55°. Its intercepted arc measures

A) 55°

B) 27.5°

C) 110°

D) 165°

A 55°

B 27.5°

C 110°

D 165°

Understand It with Pulse

Flag a mistake

3

In a quadrilateral inscribed in a circle, one angle measures 120°. The opposite angle measures

Question 3

In a quadrilateral inscribed in a circle, one angle measures 120°. The opposite angle measures

A) 60°

B) 120°

C) 180°

D) 30°

A 60°

B 120°

C 180°

D 30°

Understand It with Pulse

Flag a mistake

4

A tangent segment of length 8 meets a secant with an outside segment of 4. The segment of the secant inside the circle has length

Question 4

A tangent segment of length 8 meets a secant with an outside segment of 4. The segment of the secant inside the circle has length

A) 20

B) 12

C) 8

D) 4

A 20

B 12

C 8

D 4

Understand It with Pulse

Flag a mistake

5

Two chords intersect inside a circle. The segments of one chord are 5 and 6, and one segment of the other chord is 10. The other segment is

Question 5

Two chords intersect inside a circle. The segments of one chord are 5 and 6, and one segment of the other chord is 10. The other segment is

A) 30

B) 15

C) 3

D) 10

A 30

B 15

C 3

D 10

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.