CALIFORNIA GEOMETRY · UNIT 3 · 10 QUESTIONS

Circles and Coordinate Geometry — Practice Test

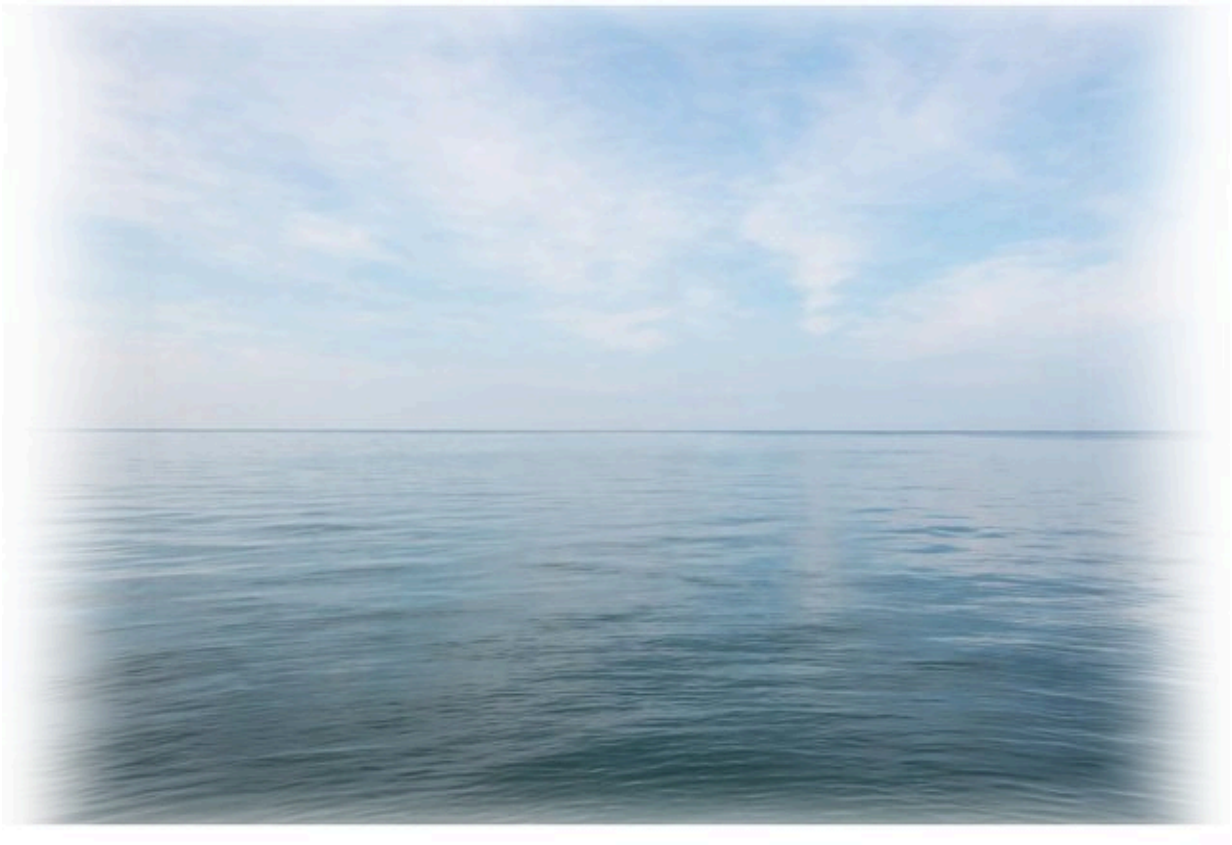
This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The midpoint of (-3, 5) and (7, -1) is**

- A (2, 3)
- B (10, 4)
- C (2, 2)
- D (-2, 2)

Understand It with Pulse | Flag a mistake

2 **The slope of a horizontal line is**



A 0

B 1

C -1

D Undefined

Understand It with Pulse | Flag a mistake

3 **The slope of a vertical line is**

A -1

B Undefined

C 1

D 0

Understand It with Pulse | Flag a mistake

4 **The circle $x^2 + (y - 4)^2 = 16$ has center**

A (0, 4)

B (0, -4)

C (-4, 0)

D (4, 0)

Understand It with Pulse | Flag a mistake

5 The circle $x^2 + (y - 4)^2 = 16$ has radius

- A 4
- B 8
- C 16
- D 2

Understand It with Pulse | Flag a mistake

6 A diameter has endpoints (0, 2) and (6, 10). The center is

- A (3, 4)
- B (6, 8)
- C (3, 6)
- D (0, 6)

Understand It with Pulse | Flag a mistake

7 **In coordinate geometry a quadrilateral with both pairs of opposite sides parallel is a**



A Kite

B Parallelogram

C Triangle

D Trapezoid only

Understand It with Pulse | Flag a mistake

8 **A rhombus has diagonals that are**

- A Parallel
- B Perpendicular bisectors of each other
- C Equal to the sides
- D Always congruent

Understand It with Pulse | Flag a mistake

9 **A circle has circumference 20π. Its radius is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The distance between (1, 6) and (5, 3) is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. C
2. A
3. B
4. A
5. A
6. C
7. B
8. B
9. 10
10. 5

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