CONNECTICUT PRECALCULUS · UNIT 3 · 10 QUESTIONS

Analytic Geometry and Conics — 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 ellipse has major axis length 4. Its semi major axis is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An ellipse has major axis length 6. Its semi major axis is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **An ellipse has major axis length 8. Its semi major axis is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **An ellipse has major axis length 10. Its semi major axis is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An ellipse has major axis length 12. Its semi major axis is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The point used with the directrix to define a parabola is the**

A vertex

B center

C axis

D focus

Understand It with Pulse | Flag a mistake

7 **The line used with the focus to define a parabola is the**

- A directrix
- B axis
- C vertex
- D center

Understand It with Pulse | Flag a mistake

8 **The center of a circle is the point**

- A on the circle
- B equidistant from all points on the circle
- C outside the circle
- D at the focus only

Understand It with Pulse | Flag a mistake

9 **A hyperbola has two**

A vertices only

B centers

C branches

D directrices only

Understand It with Pulse | Flag a mistake

10 **An ellipse has two**

A centers

B vertices only

C axes only

D foci

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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