CALIFORNIA PRECALCULUS · UNIT 3 · 5 QUESTIONS

Conic Sections, Parametric Equations, and Vectors — 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 magnitude of the vector langle 0, 5 rangle is**

- A 25
- B 5
- C 0
- D 10

Understand It with Pulse | Flag a mistake

2 **The product 3 langle 2, -1 rangle is**

A langle 6, 3 rangle

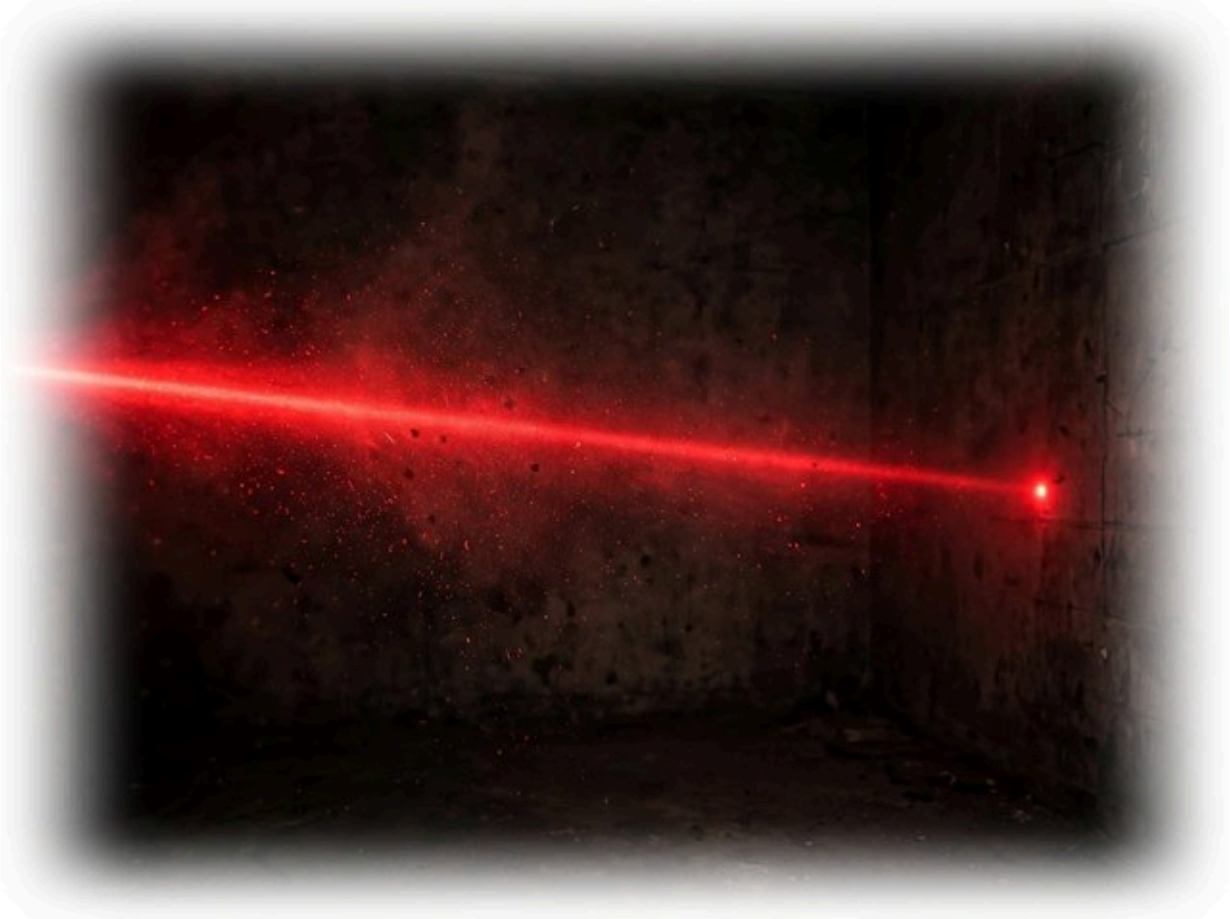
B langle 5, 2 rangle

C langle 6, -3 rangle

D langle 2, -3 rangle

Understand It with Pulse | Flag a mistake

3 **A bright red laser beam shines across a dark room, with a small bright red dot on a far wall. The dot product langle 6, 2 rangle · langle 3, 1 rangle is**



ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The magnitude of the vector langle 5, 12 rangle is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The product -2 langle 3, 1 rangle is**

A langle 6, 2 rangle

B langle 1, -1 rangle

C langle -6, -2 rangle

D langle -6, 2 rangle

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. B
2. C
3. 20
4. 13
5. C

© 2026 Brett Robbins. All Rights Reserved.