CALIFORNIA GEOMETRY · UNIT 4 · 5 QUESTIONS

Geometric Measurement and Modeling — 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 **Single square white ceramic tile on a wooden surface. A square has perimeter 36. Its area is**



A 36

B 144

C 81

D 18

Understand It with Pulse | Flag a mistake

2 **A circle has diameter 12. Its area is**

- A 144π
- B 36π
- C 24π
- D 12π

Understand It with Pulse | Flag a mistake

3 **A prism has base area 15 and height 8. Its volume is**

- A 120
- B 240
- C 23
- D 60

Understand It with Pulse | Flag a mistake

4 **A cone has radius 3 and height 4. Its volume is**

- **A** 12π
- **B** 9π
- **C** 48π
- **D** 36π

Understand It with Pulse | Flag a mistake

5 **A sphere has radius 1. Its volume is**

- **A** π
- **B** $\frac{4\pi}{3}$
- **C** $\frac{2\pi}{3}$
- **D** 4π

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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