ALBERTA MATH 10-3 · UNIT 2 · 5 QUESTIONS

Perimeter, Area, Surface Area and Volume — 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 empty school cafeteria with long white tables and colourful stools. A rectangular poster is 9 cm long and 4 cm wide. The area of the poster is**



A 36 cm²

B 26 cm²

C 18 cm²

D 13 cm²

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2 **A circular plate has a radius of 7 cm. Using 3.14 for π, the circumference of the plate is**

- A 153.86 cm
- B 43.96 cm
- C 21.98 cm
- D 87.92 cm

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3 **A cube has an edge length of 5 cm. The volume of the cube is**

- A 150 cm^3
- B 25 cm^3
- C 125 cm^3
- D 60 cm^3

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4 **Triangle ABC is shown. Side AB has length 12 m and side AC has length 5 m. The area of the triangle, in m², is**

- A 60 m²
- B 17 m²
- C 42 m²
- D 30 m²

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5 **A cylinder has a radius of 4 cm and a height of 3 cm. Using 3.14 for π, the volume of the cylinder is**

- A 150.72 cm³
- B 50.24 cm³
- C 75.36 cm³
- D 175.84 cm³

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ANSWER KEY

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

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