ALBERTA MATH 10C · UNIT 7 · 5 QUESTIONS

Measurement — 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 distance 2.4 km, expressed in metres, is**

- A 240 m
- B 2400 m
- C 24000 m
- D 0.0024 m

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2 **A rectangular prism has a length of 6 cm, a width of 4 cm, and a height of 3 cm. The surface area of the prism is**

- A 96 cm^2
- B 144 cm^2
- C 108 cm^2
- D 72 cm^2

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3 **A cylinder has a diameter of 10 cm and a height of 4 cm. Using the π key on your calculator, the volume of the cylinder, to the nearest tenth, is**

- **A** 314.2 cm^3
- **B** 62.8 cm^3
- **C** 1256.6 cm^3
- **D** 157.1 cm^3

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4 **The right triangle shown is formed by the radius, the height, and the slant height of a cone. The cone has a radius of 3 cm and a height of 9 cm. Using the π key on your calculator, the volume of the cone, to the nearest tenth, is ____ cm^3.**

ANSWER _____

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5 **The most reasonable capacity for a kitchen measuring cup is**

A 2.5 mL

B 250 mL

C 2.5 L

D 25 L

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ANSWER KEY

1. B
2. C
3. A
4. 84.8
5. B

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