NEWFOUNDLAND AND LABRADOR MATHEMATICS 2202 · UNIT A · 5 QUESTIONS

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 **July Column on Place de la Bastille in Paris. Think about the idea. A cone has radius 2 cm and height 9 cm. Its volume, to one decimal place, in cm³, using pi equals 3.14, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **Recall the idea. Surface area measures**

A the space inside a solid

B the total area of all faces of a solid

C the perimeter of a face

D the length of an edge

Understand It with Pulse | Flag a mistake

3 **Apply the idea. A cylinder has radius 2 cm and height 5 cm. Its total surface area, to one decimal place, in cm², using pi equals 3.14, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A container holds 1250 cm³ of water. Its capacity, in litres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A prism has base area 12 cm² and length 5 cm. Its volume, in cm³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 37.7
2. B
3. 87.9
4. 1.25
5. 60

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