PRINCE EDWARD ISLAND APPRENTICESHIP AND WORKPLACE MATHEMATICS 11 · 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 **A cube has side length 5 centimetres. What is its volume in cm³**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A cylinder has radius 4 centimetres and height 3 centimetres. Using 3.14 for pi, what is its volume in cm³, to two decimal places**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A rectangular block of pale yellow butter on a small plain white dish, on a plain white surface, large in frame. A rectangular prism has length 7 centimetres, width 2 centimetres, and height 3 centimetres. What is its surface area in cm²**



ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A cube has side length 6 centimetres. What is its volume in cm³**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A cylinder has radius 3 centimetres and height 6 centimetres. Using 3.14 for pi, what is its volume in cm^3, to two decimal places**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 125
2. 150.72
3. 82
4. 216
5. 169.56

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