Measurement, Surface Area and Volume — Practice Test

Saskatchewan Foundations of Mathematics and Pre-calculus 10 • 10 questions

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 right prism has a triangular base with base 3 cm and height 3 cm, and the prism is 6 cm long. Its volume, in cm³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Using pi equals 3.14, the volume of a cylinder with radius 5 cm and height 4 cm, in cm³, is approximately**

A. 62.8

B. 392.5

C. 314

D. 125.6

Understand It with Pulse | Flag a mistake

3 **A right prism has a triangular base with base 8 cm and height 5 cm, and the prism is 6 cm long. Its volume, in cm³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Using pi equals 3.14, the volume of a cylinder with radius 4 cm and height 9 cm, in cm³, is approximately**

A 452.16

B 113.04

C 502.4

D 226.08

Understand It with Pulse | Flag a mistake

5 **A right prism has a triangular base with base 6 cm and height 7 cm, and the prism is 10 cm long. Its volume, in cm³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **Using pi equals 3.14, the volume of a cylinder with radius 5 cm and height 9 cm, in cm³, is approximately**

- A 141.3
- B 785
- C 706.5
- D 282.6

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7 **A right prism has a triangular base with base 4 cm and height 11 cm, and the prism is 5 cm long. Its volume, in cm³, is**

ANSWER _____

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8 **A right prism has a triangular base with base 5 cm and height 4 cm, and the prism is 6 cm long. Its volume, in cm³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A right prism has a triangular base with base 3 cm and height 11 cm, and the prism is 5 cm long. Its volume, in cm³, is**

ANSWER _____

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10 **A right prism has a triangular base with base 4 cm and height 7 cm, and the prism is 6 cm long. Its volume, in cm³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	27	**5.**	210	**9.**	82.5
2.	C	**6.**	C	**10.**	84
3.	120	**7.**	110		
4.	A	**8.**	60		

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