

Brett Robbins Academic Consulting

Mathematics 10C Practice Test

Unit 7: Measurement

5 Questions

Original practice questions written to the Alberta curriculum, in the style of past diploma examinations. Work through each question, then check your answers with the key at the end.

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, contact Brett for clarification.

Question 1

The length 3.5 m, expressed in centimetres, is

- | | |
|------------|------------|
| A) 0.35 cm | B) 35 cm |
| C) 350 cm | D) 3500 cm |

Question 2

A board is 48 inches long. The length of the board, in feet, is

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|----------|-----------|
| A) 2 ft | B) 4 ft |
| C) 12 ft | D) 576 ft |

Question 3

A rectangular prism has a length of 8 cm, a width of 5 cm, and a height of 3 cm.

The volume of the prism is

- | | |
|-----------------------|-----------------------|
| A) 40 cm^3 | B) 55 cm^3 |
| C) 158 cm^3 | D) 120 cm^3 |

Question 4

The surface area of a cube with an edge length of 5 cm is

- | | |
|-----------------------|-----------------------|
| A) 150 cm^2 | B) 125 cm^2 |
| C) 100 cm^2 | D) 25 cm^2 |

Question 5

The most reasonable height for an interior door in a house is

A) 21 cm

B) 2.1 m

C) 21 m

D) 0.21 m

Answer Key

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

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