ALBERTA MATH 20-2 · UNIT 2 · 5 QUESTIONS

Proportional Reasoning — 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 **Five notebooks cost $7.50. The cost of one notebook is**

- A $1.50
- B $2.50
- C $37.50
- D $0.67

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2 **The graph shows actual distance against map distance for a map. The actual distance between two towns that are 4.5 cm apart on the map is**

- A 45 km
- B 90 km
- C 24.5 km
- D 900 km

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3 **A triangle has side lengths of 5 cm, 8 cm, and 10 cm. A similar triangle has a longest side of 25 cm. The shortest side of the similar triangle is**

- A 20 cm
- B 10 cm
- C 12.5 cm
- D 6.25 cm

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4 **A recipe for lemonade uses 6 lemons to make 2 L. The number of lemons needed to make 7 L of lemonade is _____**



ANSWER

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5 **A shirt regularly priced at $30 is on sale for 25% off. The sale price of the shirt is**

- A $7.50
- B $24.00
- C $37.50
- D $22.50

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ANSWER KEY

1. A
2. B
3. C
4. 21
5. D

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