SCALE MODELS, DRAWINGS, AND 3-D OBJECTS - PRACTICE TEST | NEW BRUNSWICK FINANCIAL AND WORKPLACE MATHEMATICS 110 · UNIT B · 5 QUESTIONS

Scale Models, Drawings, and 3-D Objects — 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 **Small detailed red die-cast scale model car on a plain white surface next to a centimetre ruler, clearly a miniature model not a real car, no people. A scale model is built at a scale of 1 to 20. A model length of 7 centimetres represents a real length, in centimetres, of**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A scale of 1 to 100 means 1 centimetre on the drawing represents**

- A 1 centimetre in real life
- B 100 metres in real life
- C 100 centimetres in real life
- D 10 centimetres in real life

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3 **If a drawing scale is 1 to 50, a 2 centimetre line represents**

- A 25 centimetres
- B 50 centimetres
- C 2 centimetres
- D 100 centimetres

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4 On a scale drawing, doubling every length multiplies the area by

- **A** 2
- **B** 8
- **C** 1
- **D** 4

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5 A scale model is built at a scale of 1 to 100. A model length of 9 centimetres represents a real length, in centimetres, of

ANSWER _____

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ANSWER KEY

1. 140
2. C
3. D
4. D
5. 900

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