SCALE MODELS, DRAWINGS, AND 3-D OBJECTS - PRACTICE TEST | NEW BRUNSWICK FINANCIAL AND WORKPLACE MATHEMATICS 110 · UNIT B · 10 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 **A drawing uses a scale of 1 to 25. A real length of 150 centimetres is drawn as a length, in centimetres, of**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A scale model is built at a scale of 1 to 25. A model length of 10 centimetres represents a real length, in centimetres, of**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A map scale is 1 centimetre to 5 kilometres. A map distance of 6 centimetres represents a real distance, in kilometres, of**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 When a shape is enlarged by scale factor 3, its area is multiplied by

- A 9
- B 3
- C 6
- D 27

Understand It with Pulse | Flag a mistake

5 When a solid is enlarged by scale factor 2, its volume is multiplied by

- A 2
- B 8
- C 4
- D 6

Understand It with Pulse | Flag a mistake

6 **A drawing uses a scale of 1 to 50. A real length of 300 centimetres is drawn as a length, in centimetres, of**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A scale model is built at a scale of 1 to 10. A model length of 13 centimetres represents a real length, in centimetres, of**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A map scale is 1 centimetre to 4 kilometres. A map distance of 8 centimetres represents a real distance, in kilometres, of**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A drawing uses a scale of 1 to 100. A real length of 1000 centimetres is drawn as a length, in centimetres, of**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A scale model is built at a scale of 1 to 20. A model length of 14 centimetres represents a real length, in centimetres, of**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	6	**5.**	B	**9.**	10
2.	250	**6.**	6	**10.**	280
3.	30	**7.**	130		
4.	A	**8.**	32		

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