NEWFOUNDLAND AND LABRADOR MATHEMATICS 2202 · UNIT B · 5 QUESTIONS

Trigonometry and Scale Diagrams — 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 right triangle has hypotenuse 13 and one leg 5. The other leg is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Recall the idea. If lengths are scaled by a factor of 2, areas are scaled by a factor of**

A 2

B 4

C 8

D 6

Understand It with Pulse | Flag a mistake

3 **A tall sailing ship with square sails on the open ocean. Apply the idea. A ship sails 100 km at 60° from north. Its northward distance, to one decimal place, in kilometres, is**



ANSWER _____

Understand It with Pulse | Flag a mistake

4 **On a map with scale 1 to 100000, a distance of 4 cm represents, in kilometres, a real distance of**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Review the idea. A right triangle has opposite side 8 and adjacent side 15 for an acute angle. That angle, to the nearest degree, is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 12
2. B
3. 50
4. 4
5. 28

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