ONTARIO CALCULUS AND VECTORS, GRADE 12, UNIVERSITY PREPARATION (MCV4U) · UNIT C · 5 QUESTIONS

Geometry of Vectors — 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 **Brass compass on a wooden table, needle pointing north. A displacement of 4 units east and 4 units north has magnitude, to two decimal places,**



A 6.16

B 5.66

C 5.16

D 8

Understand It with Pulse | Flag a mistake

2 **A displacement of 5 units east and 5 units north has magnitude, to two decimal places,**

- A 7.57
- B 6.57
- C 10
- D 7.07

Understand It with Pulse | Flag a mistake

3 **The direction angle of vector (3, 4) to the nearest degree is**

- A 58
- B 53
- C 48
- D 45

Understand It with Pulse | Flag a mistake

4 The direction angle of vector (5, 12) to the nearest degree is

- A 72
- B 62
- C 67
- D 45

Understand It with Pulse | Flag a mistake

5 The direction angle of vector (6, 8) to the nearest degree is

- A 53
- B 58
- C 48
- D 45

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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