PRINCE EDWARD ISLAND PHYSICS 12 · UNIT A · 5 QUESTIONS

Application 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 **A displacement of 9 metres east and 12 metres north has magnitude in metres equal to**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A displacement of 8 metres east and 15 metres north has magnitude in metres equal to**

ANSWER

Understand It with Pulse | Flag a mistake

3 **A vector of magnitude 10 at 60 degrees to the horizontal has horizontal component as a decimal is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Two forces of 5 newtons east and 12 newtons north act on an object. The resultant force in newtons is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Speed is a scalar because it has**

A magnitude only

B direction

C velocity

D acceleration

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 15
2. 17
3. 5
4. 13
5. A

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