NOVA SCOTIA ADVANCED PHYSICS 12 · UNIT A · 5 QUESTIONS

Two-Dimensional Motion — 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 ball is launched horizontally from a height of 80 metres . Using g = 10 , the time to hit the ground , in seconds , is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A ball is launched horizontally from a height of 125 metres . Using g = 10 , the time to hit the ground , in seconds , is**

ANSWER

Understand It with Pulse | Flag a mistake

3 **A ball launched horizontally at 25 metres per second falls for 2 seconds. The horizontal distance, in metres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A ball launched horizontally at 30 metres per second falls for 3 seconds. The horizontal distance, in metres, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A velocity of 60 metres per second acts at an angle with sine 0.8 and cosine 0.6. The vertical component, in metres per second, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 4
2. 5
3. 50
4. 90
5. 48

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