NOVA SCOTIA ADVANCED PHYSICS 11 · UNIT A · 5 QUESTIONS

Displacement, Velocity and Acceleration — 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 **An advanced timing experiment records displacement 180 metres in 9 seconds at constant velocity. The velocity, in metres per second, is**

ANSWER

Understand It with Pulse | Flag a mistake

2 **Dark storm clouds over the ocean with rain falling in the distance. Average speed uses total distance, while average velocity uses total**



A time only

B displacement

C mass

D force

Understand It with Pulse | Flag a mistake

3 **For uniformly accelerated motion, average velocity equals the mean of initial and**

- A final velocity
- B mass
- C distance
- D time

Understand It with Pulse | Flag a mistake

4 **In a ticker tape experiment, dots spaced further apart show the object is moving**

- A slower
- B at rest
- C backwards only
- D faster

Understand It with Pulse | Flag a mistake

5 **Projectile motion horizontally launched has horizontal acceleration equal to**

A gravity

B initial speed

C zero ignoring air resistance

D mass

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 20
2. B
3. A
4. D
5. C

© 2026 Brett Robbins. All Rights Reserved.