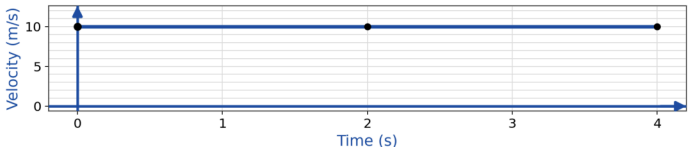
ONTARIO PHYSICS, GRADE 11, UNIVERSITY PREPARATION (SPH3U) · UNIT A · 5 QUESTIONS

Kinematics — 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

The graph shows velocity against time. The object moves at 10 metres per second for 4 seconds. How far does it travel in metres?



ANSWER

Understand It with Pulse

Flag a mistake

2

Multi-lane highway at sunset with cars driving fast. An object dropped from rest falls for 2 seconds, ignoring air resistance and using 10 metres per second squared for gravity. How fast is it moving in metres per second?



ANSWER

Understand It with Pulse

Flag a mistake

3 **An object dropped from rest falls for 3 seconds, ignoring air resistance and using 10 metres per second squared for gravity. How fast is it moving in metres per second?**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **An object dropped from rest falls for 5 seconds, ignoring air resistance and using 10 metres per second squared for gravity. How fast is it moving in metres per second?**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A vector quantity has**

A magnitude only

B magnitude and direction

C direction only

D no units

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 40
2. 20
3. 30
4. 50
5. B

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