CONNECTICUT PHYSICS · UNIT 1 · 5 QUESTIONS

Kinematics and Dynamics — 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 object starts at 5 meters per second and accelerates at 2 meters per second squared for 3 seconds. Its final speed is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An object starts at 10 meters per second and accelerates at 2 meters per second squared for 2 seconds. Its final speed is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **An object starts at 0 meters per second and accelerates at 3 meters per second squared for 4 seconds. Its final speed is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **An object starts at 20 meters per second and accelerates at 1 meters per second squared for 5 seconds. Its final speed is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An object starts at 15 meters per second and accelerates at 2 meters per second squared for 4 seconds. Its final speed is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 11
2. 14
3. 12
4. 25
5. 23

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