CONNECTICUT PHYSICS · UNIT 2 · 5 QUESTIONS

Work, Energy, and Momentum — 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 of mass 2 kilograms moving at 6 meters per second collides and transfers all its momentum to a stationary object of mass 3 kilograms. The second speed is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An object of mass 4 kilograms moving at 4 meters per second collides and transfers all its momentum to a stationary object of mass 2 kilograms. The second speed is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **An object of mass 3 kilograms moving at 8 meters per second collides and transfers all its momentum to a stationary object of mass 6 kilograms. The second speed is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **An object of mass 5 kilograms moving at 2 meters per second collides and transfers all its momentum to a stationary object of mass 5 kilograms. The second speed is**

ANSWER

Understand It with Pulse | Flag a mistake

5 **An object of mass 2 kilograms moving at 10 meters per second collides and transfers all its momentum to a stationary object of mass 4 kilograms. The second speed is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 4
2. 8
3. 4
4. 2
5. 5

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