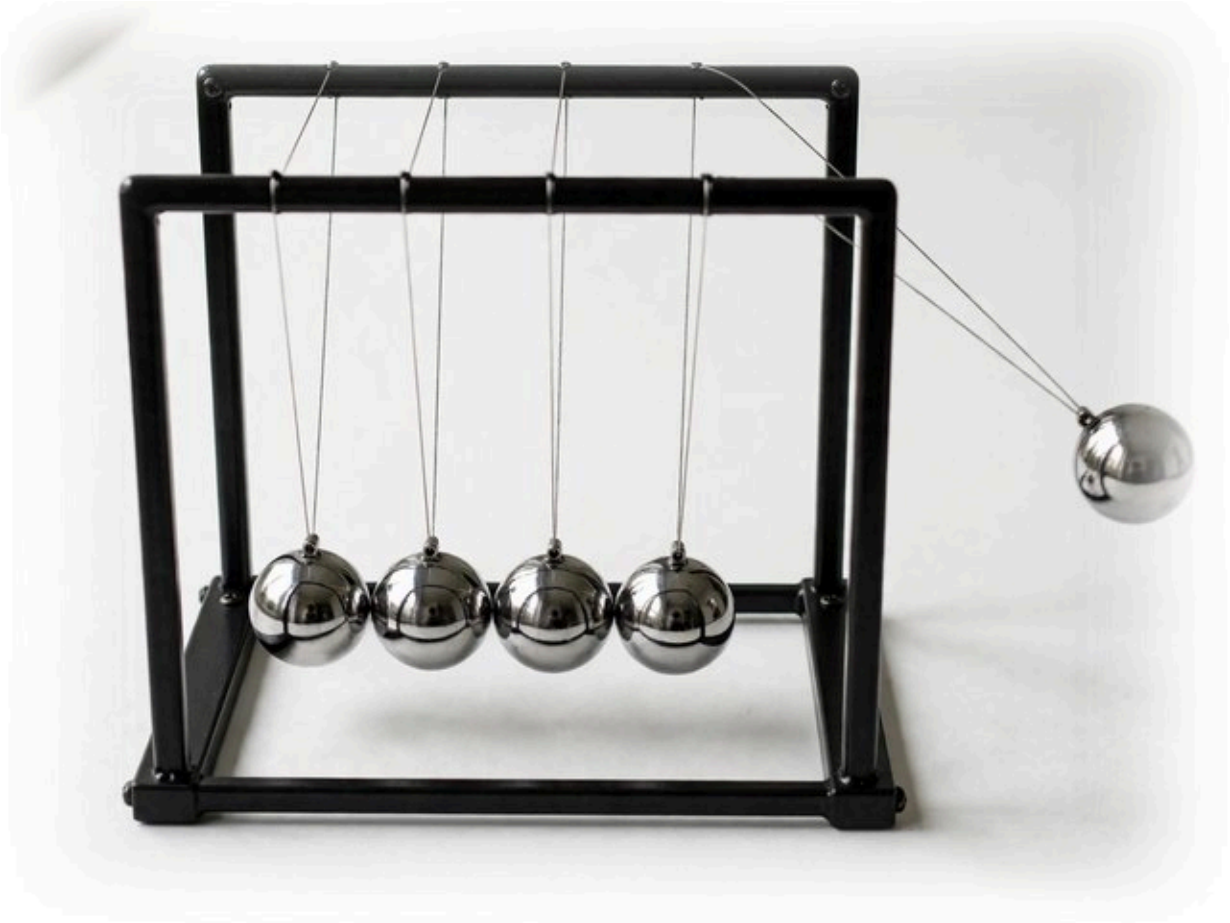
NOVA SCOTIA ADVANCED PHYSICS 11 · UNIT D · 5 QUESTIONS

Impulse, Momentum and One-Dimensional Collisions — 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 force of 50 newtons acts for 6 seconds. The impulse, in newton seconds, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **An object of mass 15 kilograms moves at 4 metres per second. Its momentum, in kilogram metres per second, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Centre of mass motion of a system is unchanged by internal**

A forces

B masses

C velocities

D energies

Understand It with Pulse | Flag a mistake

4 **A force of 80 newtons acts for 2 seconds. The impulse, in newton seconds, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An object of mass 9 kilograms moves at 10 metres per second. Its momentum, in kilogram metres per second, is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 300
2. 60
3. A
4. 160
5. 90

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