NOVA SCOTIA PHYSICS 12 · UNIT C · 5 QUESTIONS

Simple Harmonic Motion — 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 **Thick coiled natural rope on a plain light surface, a length stretches out beside the coil, large in frame, no people. A pendulum has period 3 seconds. If its length is multiplied by 4, the new period, in seconds, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A pendulum has period 1.5 seconds. If its length is multiplied by 4, the new period, in seconds, is**

ANSWER

Understand It with Pulse | Flag a mistake

3 **A mass on a spring has period 0.25 seconds. If the mass is multiplied by 4, the new period, in seconds, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A mass on a spring has period 4 seconds. If the mass is multiplied by 4, the new period, in seconds, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **An oscillator has period 0.2 seconds. Its frequency, in hertz, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 6
2. 3
3. 0.5
4. 8
5. 5

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