Waves: Wave Basics, Sound, and Light — 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 **Large ocean wave curling and breaking at sea. A wave has frequency 10 hertz and wavelength 6 metres. Its speed, in metres per second, is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A wave has frequency 100 hertz. Its period, in seconds, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Sound needs a medium to travel through, while light can travel through a**

A solid only

B vacuum

C liquid only

D gas only

Understand It with Pulse | Flag a mistake

4 **A wave has frequency 4 hertz and wavelength 5 metres. Its speed, in metres per second, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A wave has frequency 200 hertz. Its period, in seconds, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 60
2. 0.01
3. B
4. 20
5. 0.005

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