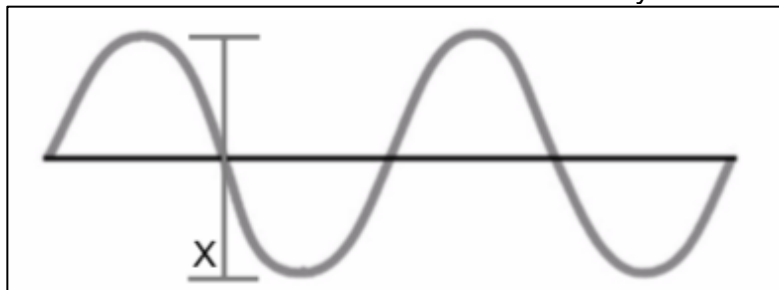


8.17 Introduction to Properties of Waves

Reading Science

1. What is the main point of paragraph 3?

- A To define the unit Hertz
- B To fully describe ocean waves
- C To explain the three properties of waves
- D To let the reader know that there are many different types of waves in nature



2. Which property of a wave is labeled X on the diagram above?

- A Amplitude
- B Frequency
- C Wavelength
- D None of the above

3. Which phrase helps you understand the meaning of **vertical** in paragraph 4?

- A "From the height of the peak"
- B "Divided by 2"
- C "Imagine a line"
- D "Along the middle"

4. A sub-woofer is a type of speaker which plays only the very low notes in a song or movie. Which of the following frequencies would you expect to be able to hear from a sub-woofer?

- A 10Hz
- B 25Hz
- C 750Hz
- D 1050 Hz

5. Place these waves in order from shortest wavelength to longest.

- A Light waves < ocean waves < sound waves
- B Light waves < sound waves < ocean waves
- C Sound waves < light waves < ocean waves
- D Ocean waves < sound waves < light waves