

Name _____

Sound Waves Unveiled: Understanding Frequency and Wavelength

Short Answer

1. Explain the difference between high-frequency and low-frequency sound waves in terms of pitch.
2. How does the wavelength of a sound wave change when its frequency increases?
3. Provide an example of a situation where manipulating the wavelength of sound waves is essential.
4. Describe the relationship between frequency and wavelength in sound waves.
5. Why is it important to allocate different frequencies for different channels in radio and television broadcasting?

