

Physical Science – Worksheet 9 – Sound and Light Waves

Please read the chapter and answer the following questions. Show all calculations:

Define the Following Terms:

1. Draw a diagram of a wave and label the wavelength, amplitude, and then explain what frequency is.
2. What is the difference between wave speed and the period?
3. Draw a diagram and explain what the difference between a transverse and a longitudinal wave.
4. What is a sound wave and how does it make us hear things? (might need to look for more information about ears to answer this one)