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body the vibration drives the particle in the propagation medium in vibrational motion thus transmitting energy through the surrounding medium 2 sound waves are called mechanical 1 sound waves are longitudinal waves 2 as the teacher talks students hear the voice because particles of air move from the mouth of the teacher to the ear of the student 3 sound waves are mechanical waves 4 all sound waves are produced by a vibrating object 5 a sound wave does not consist of crests and troughs 6 mac is talking to kate fb hz fc hz fb 10 hz fc 7 5 hz sound waves worksheet including properties the speed of sound sound intensity the doppler effect and resonance i hated this worksheet so i hope this h a you should hear a constant sound if your sound is on move the frequency button to the left and right describe what happens to the sound as you move from minimum to maximum frequency minimum frequency low pitch maximum frequency high pitch b does the change of sound and frequency match what was described in our notes sound waves leave a source like a horn with a certain amount of energy and therefore a certain amplitude loudness is how you perceive the energy of a sound wave a wave with a greater amplitude will produce a louder sound sounds are quieter farther from their source as sound waves travel away from a horn the air particles vibrate back and properties of sound waves pdf the curriculum corner contains a complete ready to use curriculum for the high school physics classroom this collection of pages comprise worksheets in pdf format that developmentally target key concepts and mathematics commonly covered in a high school physics curriculum answered by expert cbse ix physics sound the speed of sound in a certain medium is 960 m/s if 3600 waves pass over a certain point in 1 minute the wavelength is asked by ujjwalviky2003 2nd november 2017 7 05 pm answered by expert icse x physics sound how sound waves in air are an example of damped vibrations

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