

## Physics Chapter 14 Vibrations Waves Answers

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### *CHAPTER 14 Vibrations and Waves*

a phenomenon in which two waves superpose to form a resultant wave of greater, lower, or the same amplitude.

constructive interference the interference of two or more waves of equal frequency and phase, resulting in their mutual reinforcement and producing a single amplitude equal to the sum of the amplitudes of the individual waves.

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A wave can pass through a series of vibrating objects As energy is transferred from the first object to the second object the first object slows down. A vibration that fades out is called damped harmonic motion. The motion of particles in a medium is like the motion of masses on springs.

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