

Name:

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The Speed of Sound

Lesson Review

1. The bouncing back of sound wave from a hard surface is called
 - a. compression
 - b. rarefaction
 - c. an echo
 - d. an ultrasound

2. What happens when the amplitude of a sound wave increases?
 - a. Its frequency increases
 - b. Its loudness increases
 - c. Its pitch increases
 - d. Its characteristics do not change

3. In which medium would sound wave travel the fastest?
 - a. air
 - b. water
 - c. vacuum
 - d. steel

4. Long exposure to loud sound can cause _____ .
 - a. better eyesight
 - b. improvement in hearing
 - c. hearing loss
 - d. ear wax

5. How many meters per second does sound travel through lead?
 - a. 1590
 - b. 5950
 - c. 1950
 - d. 1482

6. Which animal below uses echolocation to find its prey?
 - a. rat
 - b. dog
 - c. cat
 - d. cow

