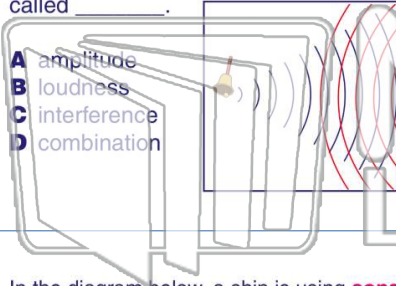




Name _____ Class _____ Date _____

1 When sound waves that are traveling from **opposite directions** meet, this is called _____.



- A amplitude
- B loudness
- C interference
- D combination

2 In the diagram below, a ship is directing **ultrasound waves** off the **ocean floor**. This ship is using _____.



- A radar
- B GPS
- C loud sound
- D sonar

3 In the diagram below, a ship is using **sonar** to examine the ocean floor underneath it. The sonar waves **hit the ocean floor**, then are _____.

4 The **loudness** of a **sound** depends upon which of the following?



- A the pitch of the sound



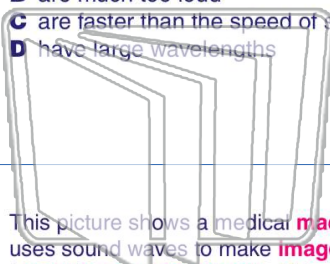
5

PREVIEW

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7

A human ears cannot detect
B are much too loud
C are faster than the speed of sound
D have large wavelengths



- A ultrasound
- B infrared
- C microscopic
- D telescopic



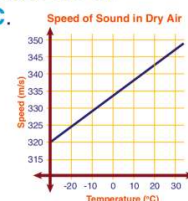
A dogs have larger ears
B dogs do not have earwax
C dog ears can detect higher frequencies
D dogs have better brains



9 This picture shows a medical **machine** that uses sound waves to make **images** of what is **inside a patient's body**. This procedure is called a(n) _____ examination.

10 Using the graph below, determine **how fast** sound travels when the air temperature is **20°C**.

- A 340 m/s
- B 343 m/s
- C 350 m/s
- D 355 m/s

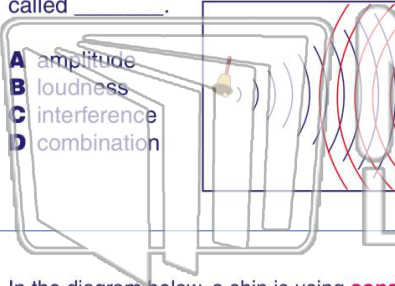




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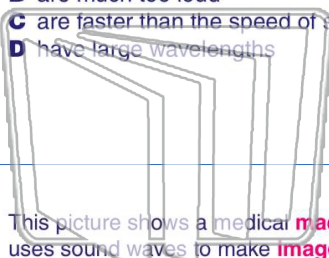


PREVIEW

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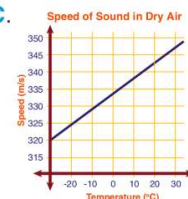


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