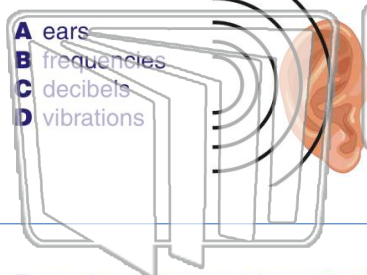




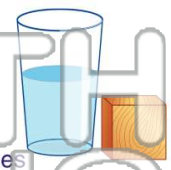
Name _____ Class _____ Date _____

1 **Sound** is a type of **energy** that travels in **waves** that are caused by _____.



2 Sound cannot travel through a vacuum and needs something in which to travel. Which of the following can sound travel through?

- A gases only
- B solids only
- C liquids and gases only
- D solids, liquids, and gases



3 Through which material can sound waves travel the **fastest**?

4 _____ is the rapid **back-and-forth movement** of an object.

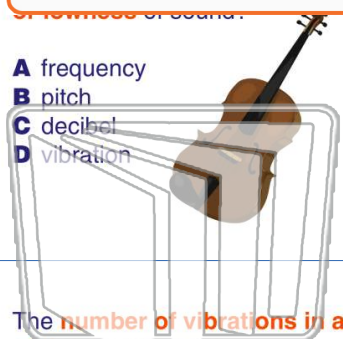


PREVIEW

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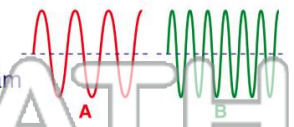
7 **Properties** of sound:

- A frequency
- B pitch
- C decibel
- D vibration



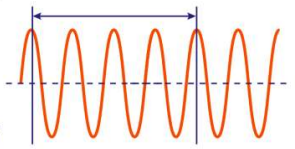
8 Sound waves. Which of the two diagrams represents a **higher pitch**?

- A diagram A
- B diagram B
- C both diagram A and B
- D neither diagram



9 The **number of vibrations in a period of time** is called the _____ of a sound wave.

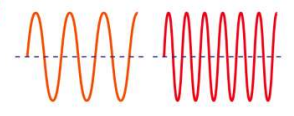
- A volume
- B pitch
- C timing
- D frequency



10 Look at the diagram below. This shows that the **slower** the vibration, the **higher** the frequency.

True or false?

- A true
- B false

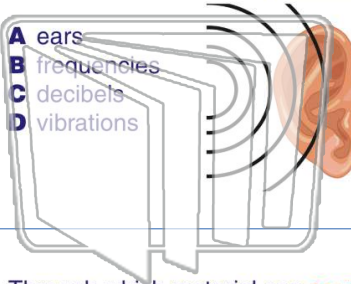




Name _____ Class _____ Date _____

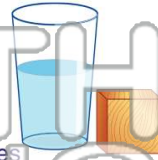
1 **Sound** is a type of **energy** that travels in **waves** that are caused by _____.

- A ears
- B frequencies
- C decibels
- D vibrations



2 Sound cannot travel through a vacuum and needs something in which to travel. Which of the following can sound travel through?

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- D solids, liquids, and gases



3 Through which material can sound waves travel the **fastest**?

4 _____ is the rapid **back-and-forth movement** of an object.

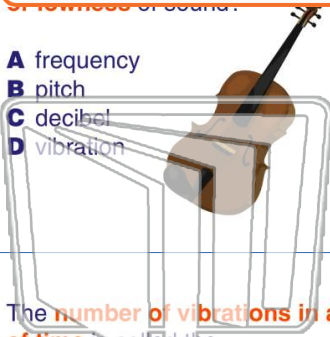


PREVIEW

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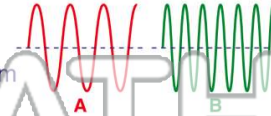
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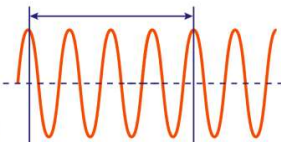
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