

# LIGHT AND SOUND TEST

Name: \_\_\_\_\_

1. Vibrating particles of matter that are sensed by our ears is called:

- A. light
- B. wavelength
- C. sound
- D. frequency

2. Sound waves travel best through:

- F. gases
- G. liquids
- H. solids
- J. vacuum

3. Which communication tool is most often used by people?

- A. Morse Code
- B. voice
- C. hand signals
- D. musical instruments

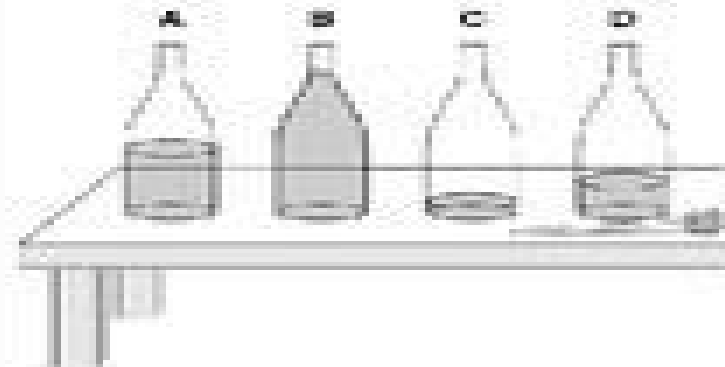
4. Which of the following is NOT a communication tool?

- F. voice
- G. Morse Code
- H. Sonar
- I. all are communication tools

5. Which of the following would be useful in locating a sunken ship at the bottom of the ocean?

- F. sonar
- G. ladder
- H. Morse Code
- I. telescope

6.



A student plans to investigate how sound changes when 4 bottles with different amounts of liquid are struck with a mallet, in which order must the bottles be placed so that the sound changes from a low pitch to a high pitch?

- A. A,B,D,C
- B. B,A,D,C
- C. D,C,A,B
- D. C,D,B,A

7. An echo is an example of sound being-

- A. transmitted
- B. reflected
- C. absorbed
- D. broken

# 4th Grade Test On Light

**Ronald W. Wolfe**



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**Strength and Stiffness of Light-frame Sloped Trusses** Ronald W. Wolfe, 1986 Power, 1920 NIDA Research Monograph, 1976 Residual Effects of Abused Drugs on Behavior John William Spencer, John J. Boren, National Institute on Drug Abuse, 1990 *The Log*, 1952 Color and Light Effects on Students' Achievement, Behavior, and Physiology H. Wohlfarth, 1986 **Bulletin - National Electric Light Association** National Electric Light Association, 1920 **Paper** American Society of Mechanical Engineers, 1919 *National Poultry Journal*, 1926 *Modern Miller*, 1920 *Paper*, 1920

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