

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:

- A. gases
- B. liquids
- C. solids
- D. vacuum

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

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

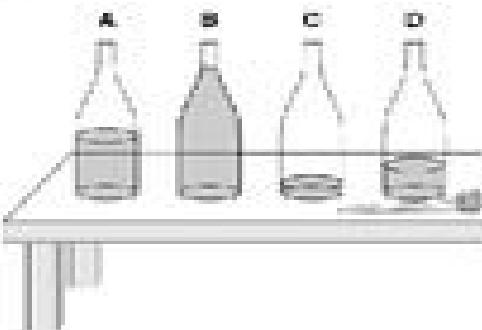
4. Which of the following is NOT a communication tool?

- A. voice
- B. Morse Code
- C. Sonar
- D. all are communication tools

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

- A. sonar
- B. lasers
- C. Morse Code
- D. seismograph

6.



A student places four tuning forks above several glasses where 1/4 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,C,D
- B. B,A,D,C
- C. B,C,A,D
- D. C,D,B,A

7. An echo is an example of sound being:

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