

L-2-SOUND

Which of the following statements is correct?

- ☐ sound cannot travel through liquids
- ☐ sound cannot travel through solids
- ☐ sound can only travel through gases
- ☐ sound cannot travel through a vacuum

Which of the following statements is NOT correct?

- ☐ loud sounds have a greater volume than quiet sounds
- ☐ sound travels away from its source
- ☐ an object makes sound when it vibrates
- ☐ when an object vibrates it produces sound waves that travel in one

Through which of the following materials would sound travel slowest?

- ☐ air
- ☐ water
- ☐ oil
- ☐ copper

Which of the following may occur when a sound wave reaches an object?

- ☐ sound is reflected from the object
- ☐ sound is transmitted through the object
- ☐ sound is absorbed by the object
- ☐ all of the above

What is an echo?

- ☐ a reflected soundwave
- ☐ a sound wave in a vacuum
- ☐ a sound wave transmitted underwater
- ☐ a sound wave transmitted in space