



Across

- 2** A compression wave consists of a repeating pattern of compressions and _____. (12)
- 6** Sound cannot travel through a _____. (6)
- 7** The fullness of sounds created by musical instruments is due to the syncing of vibrations, known as _____. (9)
- 8** The speed of sound depends not only on the medium, but also

on properties of the medium, like _____. (11)

- 10** Ships and submarines use _____ technology to "see" the ocean with sound reflections. (5)
- 13** The distance from one compression to the next compression or the distance from one rarefaction to the next rarefaction (10)
- 14** This technology used the reflection and interference

patterns for medical diagnostics. (10)

- 15** The pitch of a sound is determined by the _____ of the wave. (9)

- 9** The loudness is determined by the _____ of the soundwave. (9)

- 11** The speed of sound depends on the _____ through which it travels. (6)

- 12** Generally, sound travels faster in liquids than in gases, but still faster in _____. (6)

Down

- 1** Sound is produced by _____. (10)
- 3** Sound travels in _____ waves. (11)
- 4** The speed of sound is _____ than the speed of light. (6)
- 5** Sound is a type of _____ energy. (10)