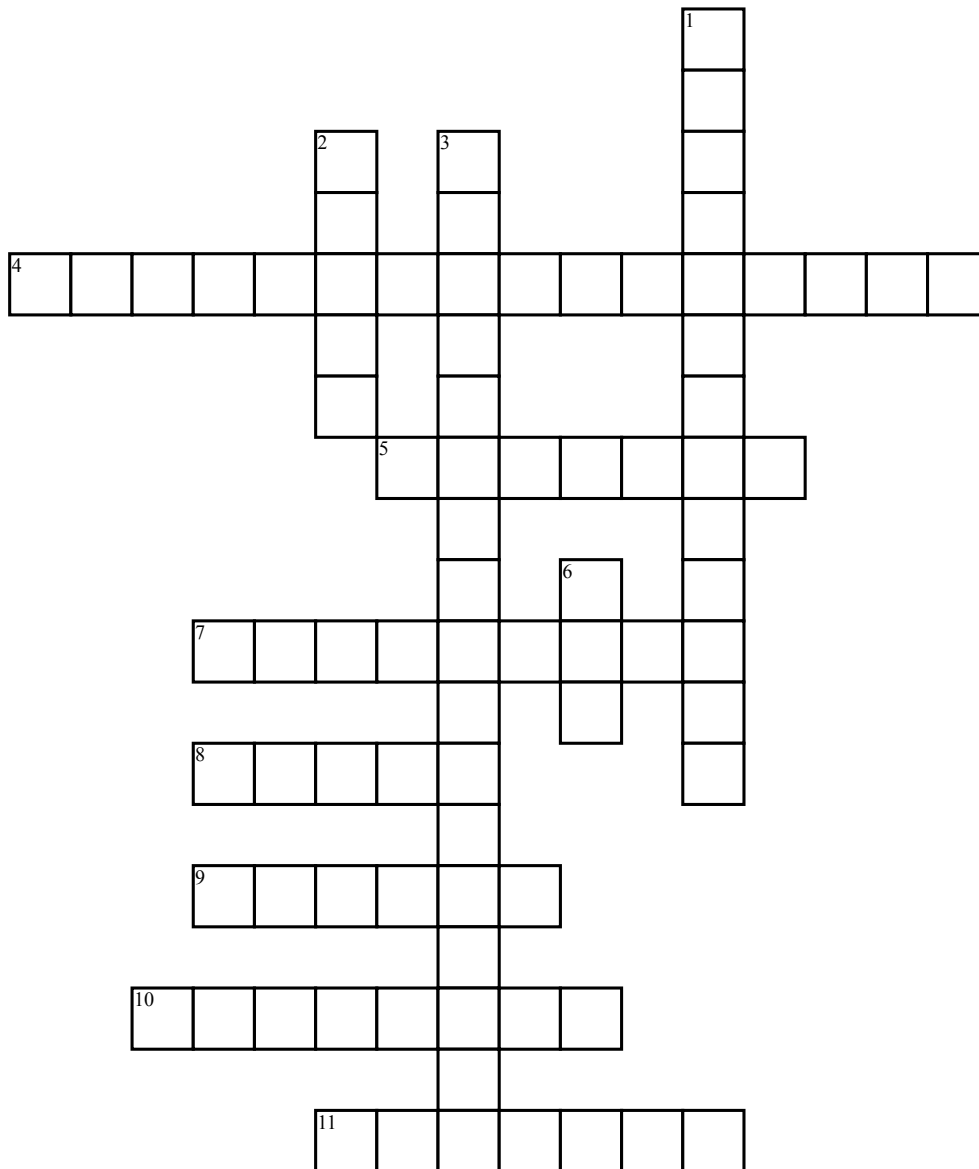


Name: _____

Date: _____

Sound Waves and Hearing



Across

- 4.** Wave in which the particles of the medium vibrate in the same direction as the wave travels
- 5.** Most common unit used to express loudness
- 7.** Longitudinal wave that is caused by vibrations and that travels through a medium
- 8.** Interprets the electrical signals as sound
- 9.** Solids, Liquids, and Gases

10. Measure of how well a sound can be heard

11. Vibrates when a sound wave hits it

Down

- 1.** Change in the observed frequency of a wave when the sound source, the observer, or both are moving
- 2.** How high or low you think a sound is
- 3.** Convert these vibrations into electrical signals
- 6.** The organ humans use to detect sound