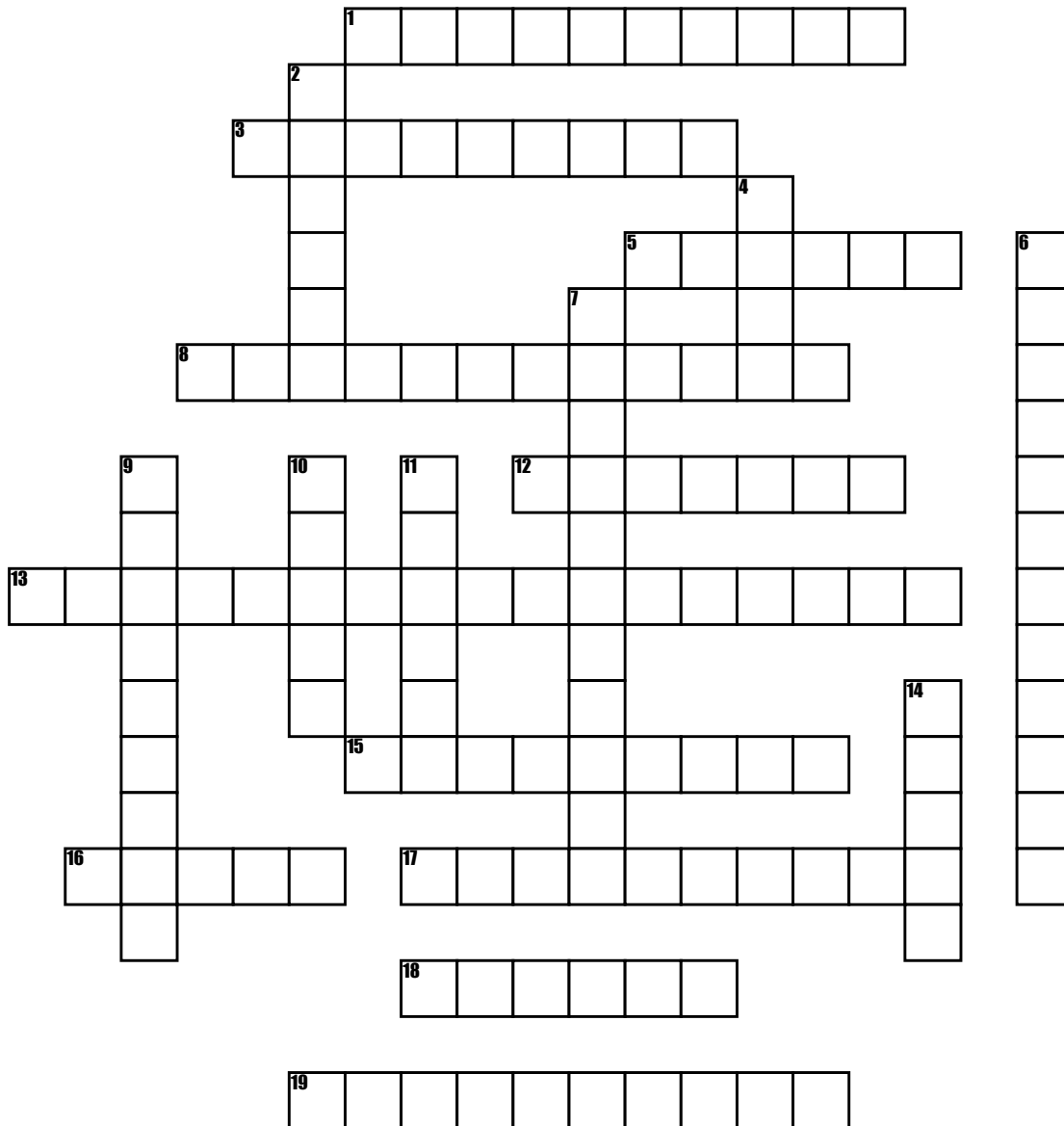


Sound Vocabulary



Across

- 1.** Length of wave from crest to crest.
- 3.** Number of times per second some thin goes back and forth to vibrate.
- 5.** No matter at all.
- 8.** Determining the distance of an object using echos.
- 12.** Measurement of loudness of a sound.
- 13.** Moving waves that vibrate up and down.

- 15.** Determines on volume; Height of waves.
- 16.** Using echolocation in water to determine the depth.
- 17.** When there is a disturbance of molecules in the air by vibrations.
- 18.** Intensity of loudness of a sound.
- 19.** The quick back and forth movement of matter.

Down

- 2.** Bottom part of longitudinal waves.

- 4.** When sound waves bounce off a hard flat surface and bounces back to our ear.
- 6.** How fast sound travels.
- 7.** Particles spreading during compression waves.
- 9.** Sound building up when object reaches the speed of sound.
- 10.** Lowness or highness of a sound.
- 11.** The material that sound travels through, can be liquid, solid, or gas.
- 14.** Upper part of a longitudinal wave.