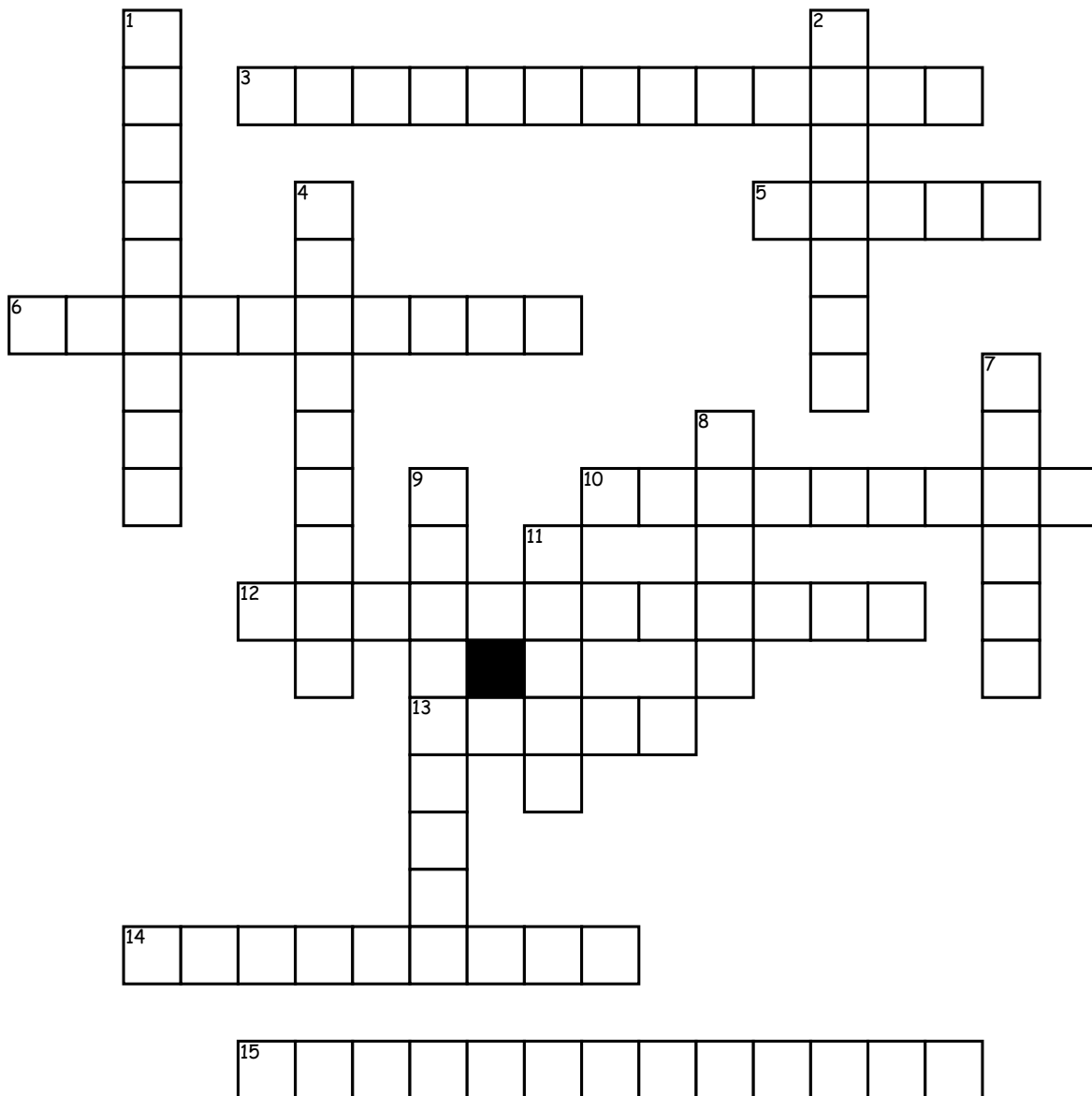


Sound Crossword Puzzle



Across

3. The change in observed pitch that occurs when the source or the receiver of a sound is moving.

5. The quality of the highness or lowness of a sound.

6. Sound waves in the range above 20,000 hertz.

10. The number of wavelengths passing a fixed point in a given period of time.

12. Sending out ultrasound waves and interpreting the returning sound.

13. Instruments that use echolocation to locate objects.

14. The amount of energy in a sound wave.

15. The increasing of the strength of an electrical signal.

Down

1. A rapid, back and forth motion.

2. The unit that measures sound intensity.

4. The strengthening of a sound wave when it combines with an object's natural vibration.

7. An empty space with no or very few particles.

8. One complete wavelength per second, or the unit for measuring frequency.

9. The scientific study of sound.

11. A wave that travels through matter, produced by a vibrating object.