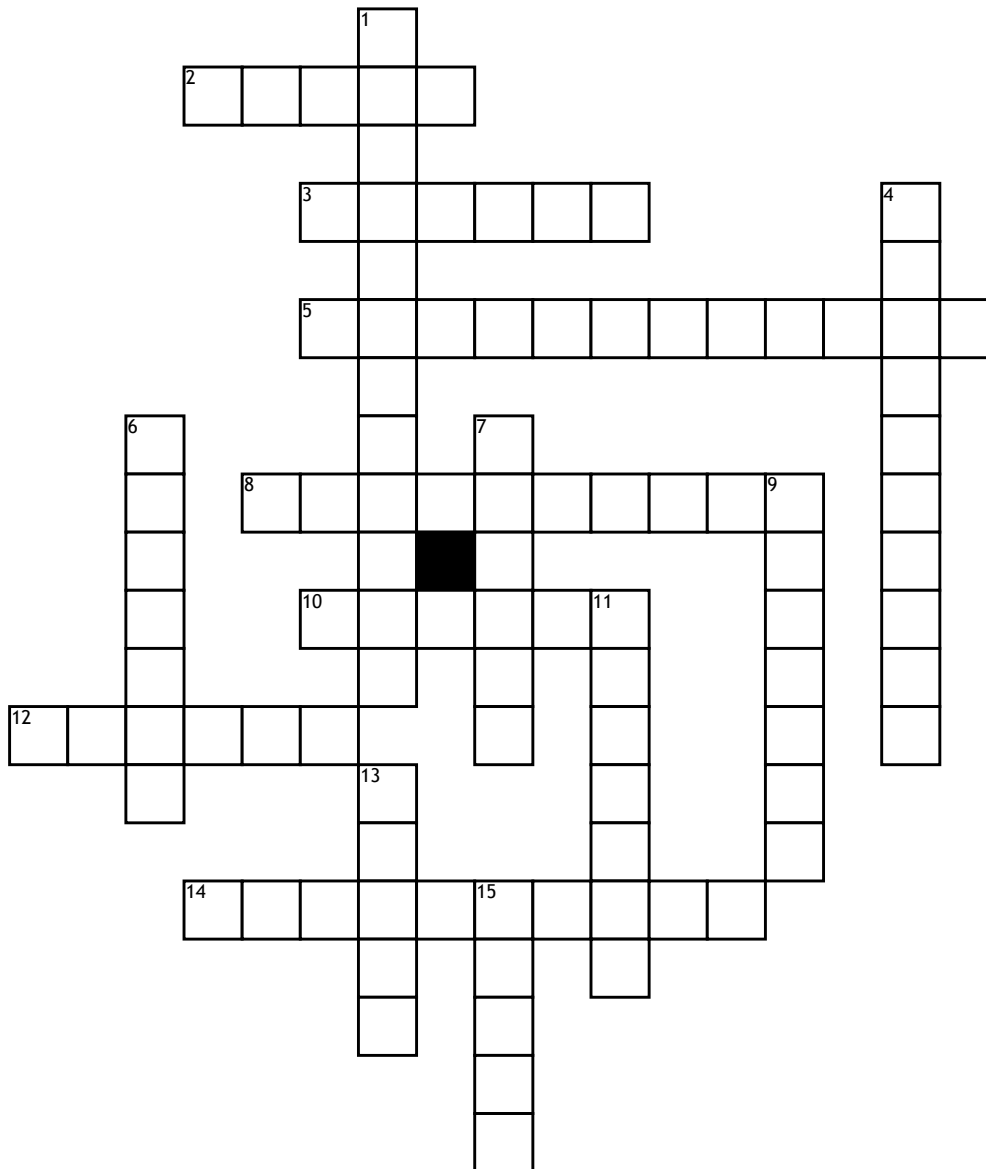


Name: _____

Date: _____

Sound



Across

2. The higher the frequency, the higher the _____ of the sound (5)
 3. Sound travels fastest in _____ (6)
 5. A wave where the particles vibrate in the same direction as the wave is travelling (12)
 8. Sound waves with a frequency higher than can be heard by a human (10)

10. The higher the amplitude, the higher the _____ of the sound (6)

12. All waves carry this (6)
 14. Sound waves with a frequency lower than can be heard by a human (10)

Down

1. Finding prey or obstacles by emitting sounds and listening for the echoes (12)
 4. A wave where the particles vibrate at right angles to the direction the wave is travelling (10)

6. The part of the ear that changes vibrations into electrical impulses (7)

7. Space without any particles (6)
 9. The unit of volume (7)
 11. A thin membrane inside the ear that vibrates when sound reaches it (7)
 13. The unit of frequency (4)
 15. A machine for finding the depth of the sea or finding fish by sending sound waves and listening for the echoes (5)