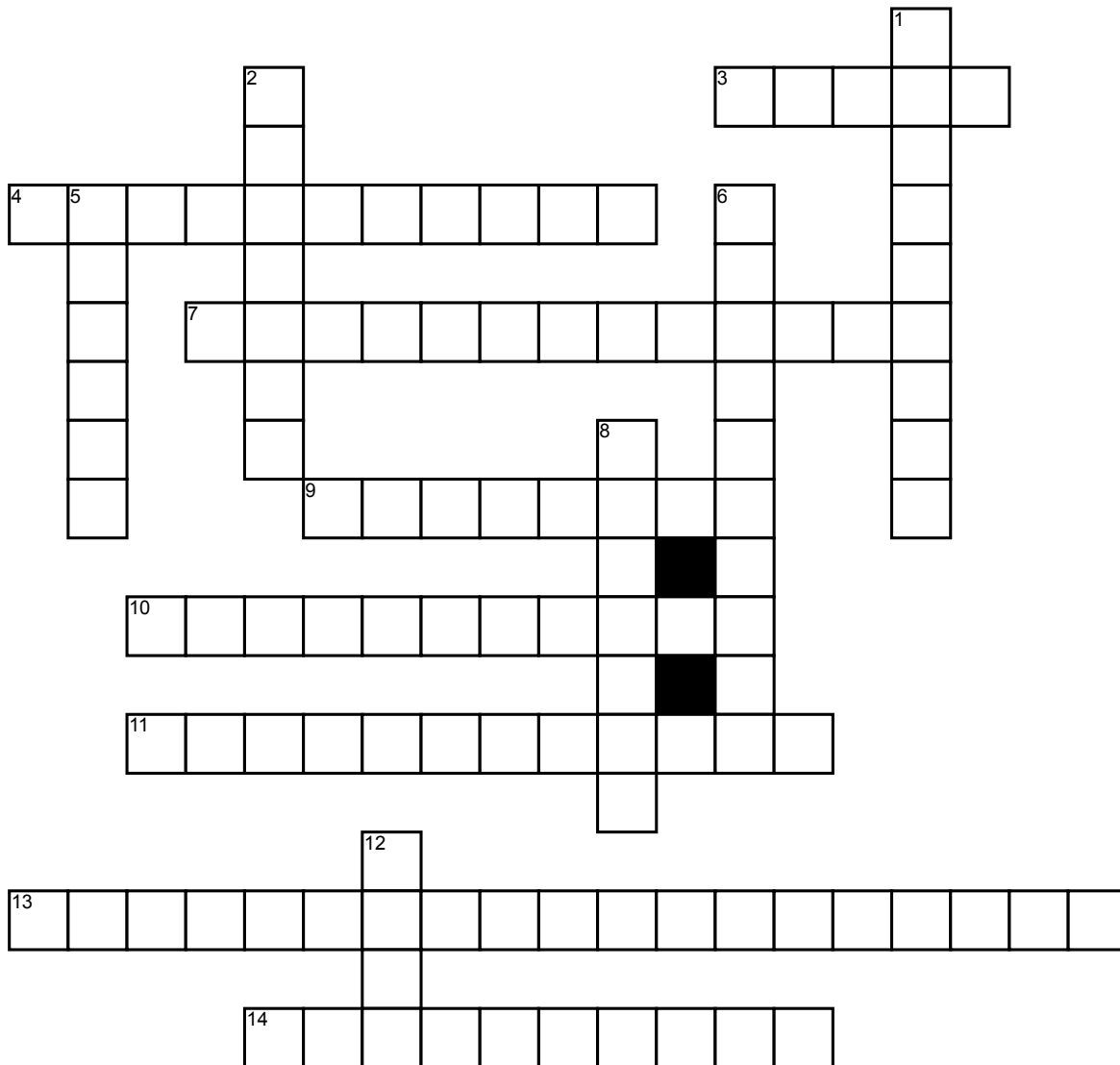


Sound



Across

3. highness or lowness of a sound. depends on frequency of sound wave

4. area where sound waves are pushed together

7. change in frequency of sound caused by movement of either the source, the detector or both

9. intensity of sound as perceived by the ear and interpreted by the brain

10. area where sound waves are pushed apart

11. combination of two or more sound waves

13. the lowest frequency of sound that resonates in an instrument

14. frequencies that are above 20,000Hz

Down

1. control of noise and vibrations that cause noise

2. produced when overtones have frequencies that are whole number multiples of the fundamental

5. eight notes on the musical scale

6. frequencies below 20Hz

8. most common unit of measurement for sound level

12. two frequencies that are nearly identical interfere to produce oscillating high and low sound levels