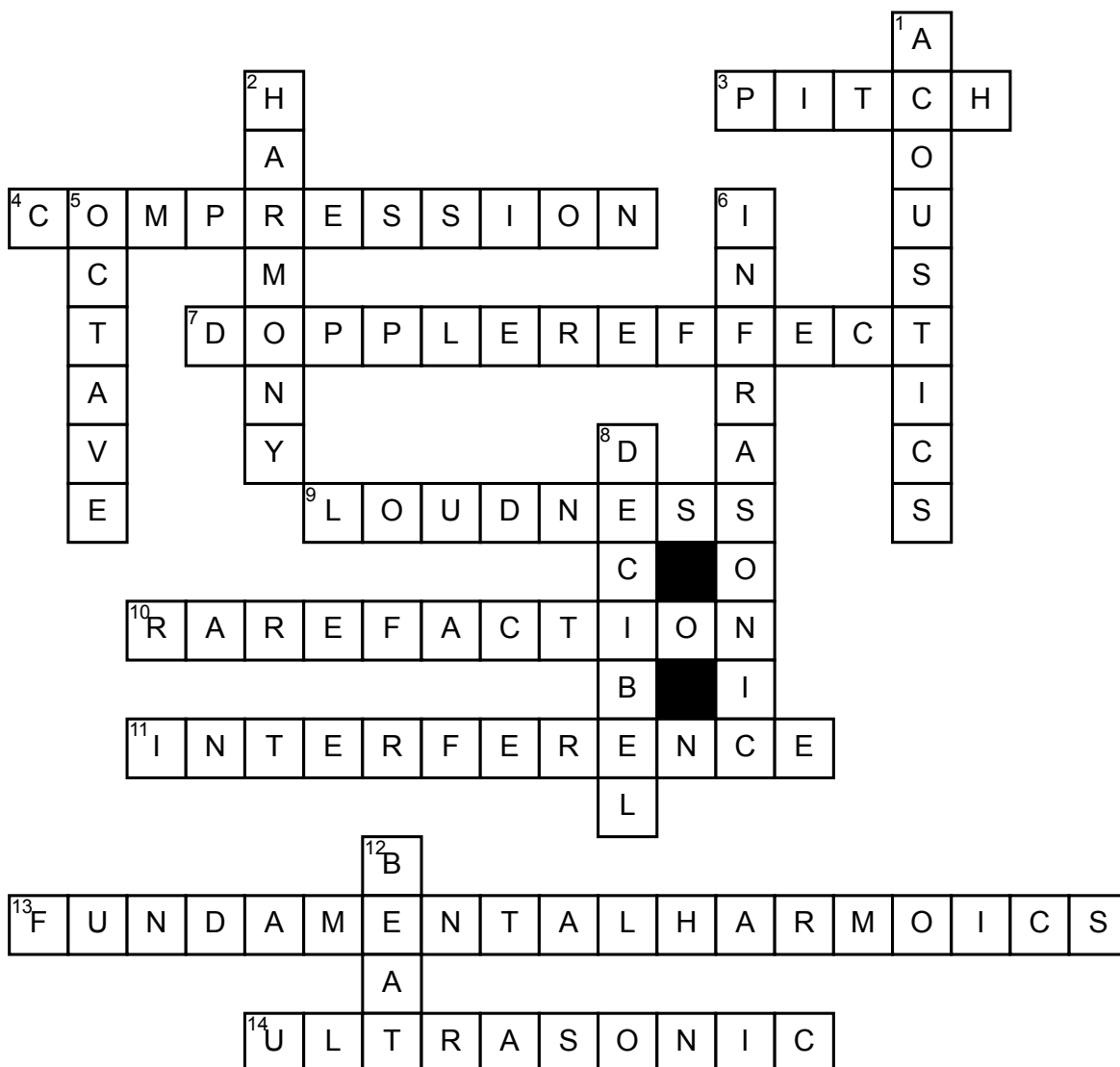


Name: _____

Date: _____

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