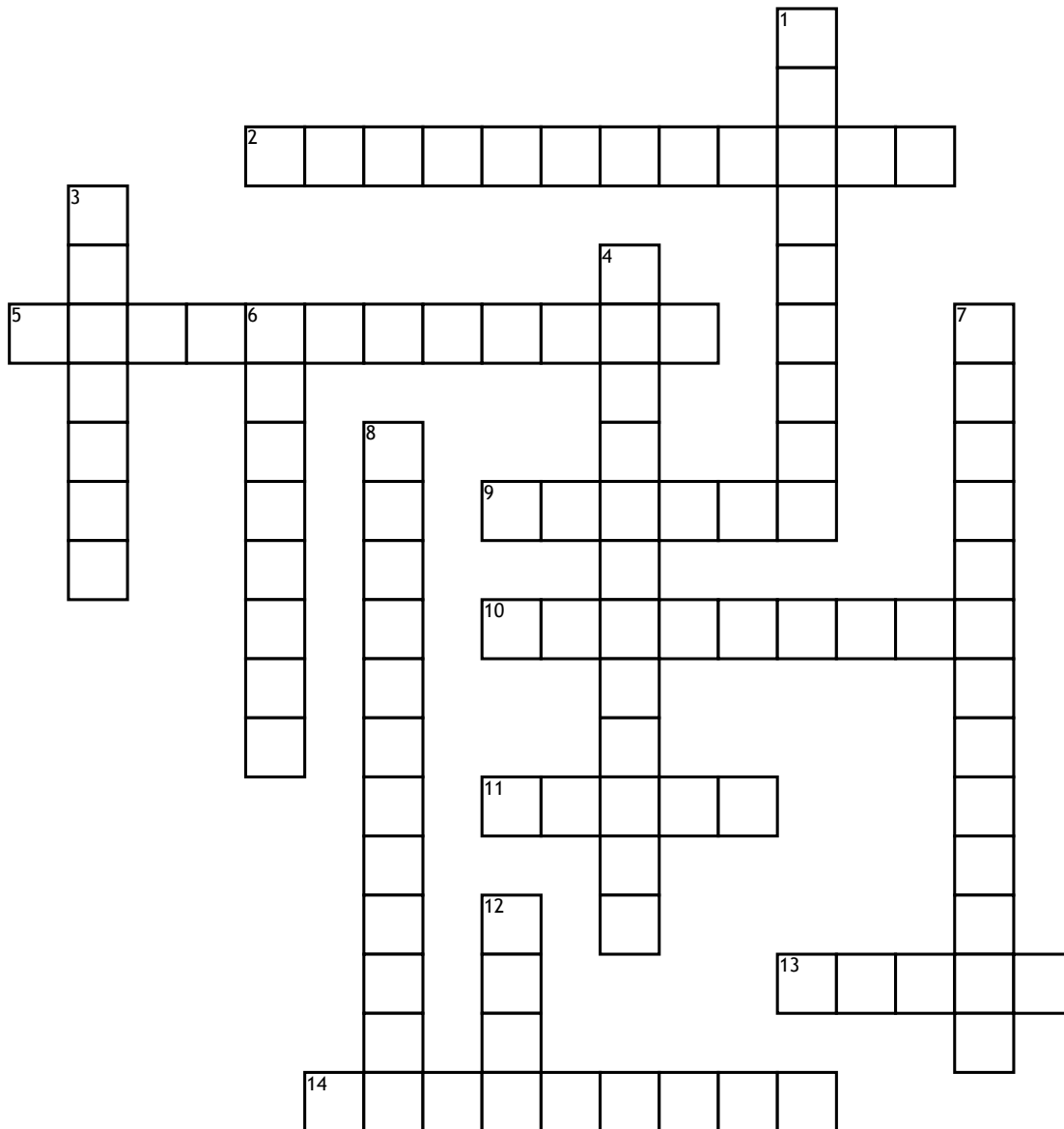


Name: _____

Date: _____

Chapter 4 vocabulary



Across

2. When two or more waves overlap
5. The use of reflected sound waves to find objects
9. a substance through which a wave can travel
10. A longitudinal wave caused by vibrations
11. Any sound that is a random mix of frequencies

13. How high or low a sound seems to be
14. Happens when an object vibrating at or near a resonant frequency of a second object causes the second object to vibrate

Down

1. Sound heard when a shock wave reaches your ears
3. The most common unit used to express loudness

4. The result of several pitches mixing together through interference
6. A measure of how well a sound can be heard.
7. An observed change in the frequency of a wave when the source or observer is moving
8. A pattern of vibration that simulates a wave that is standing still
12. A reflected sound wave