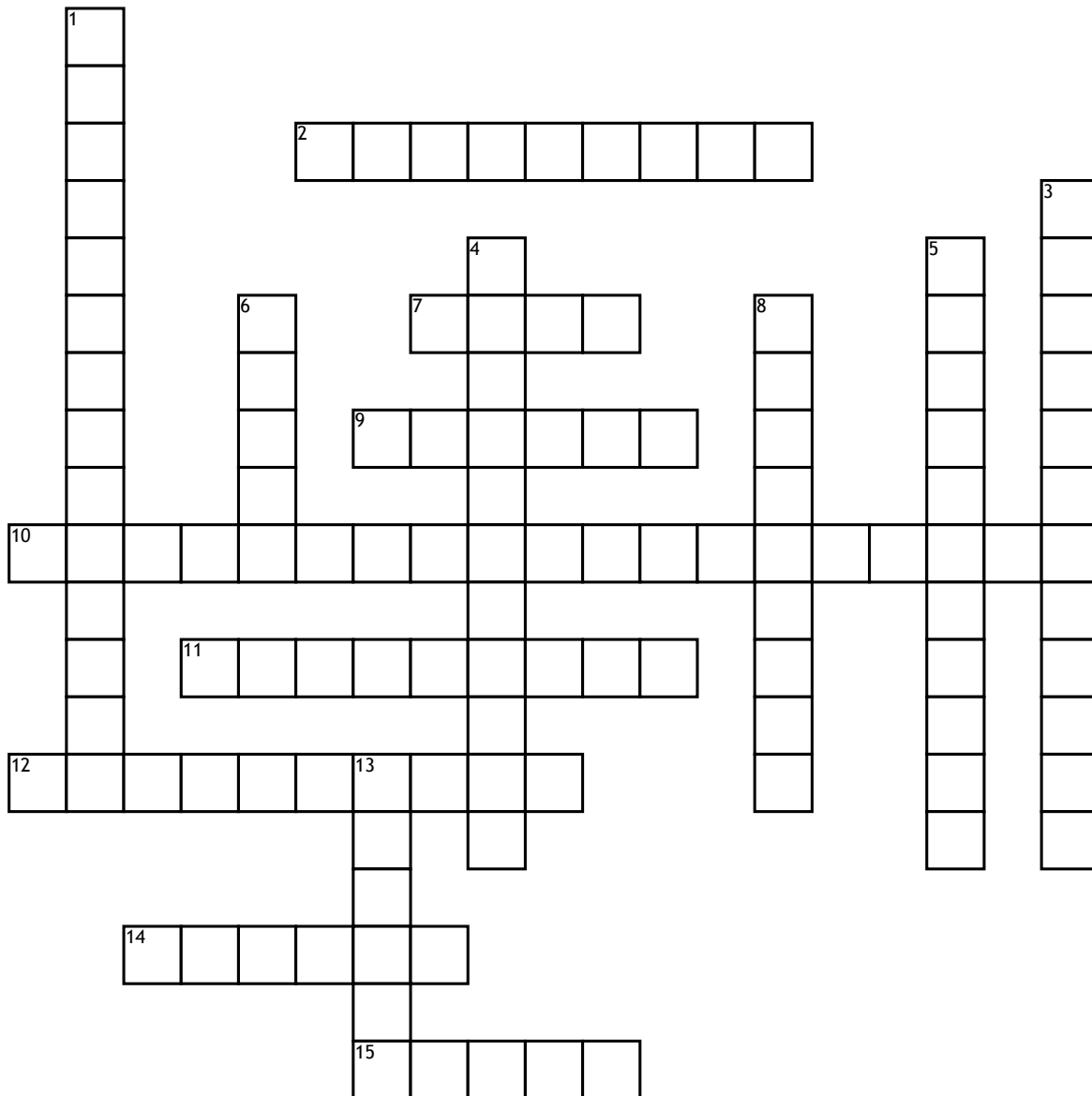


Name: _____

Date: _____

Waves



Across

2. The number of complete waves that pass a given point in a certain amount of time.
 7. A disturbance that transfers energy from place to place.
 9. The ability to do work or cause change.
 10. Transverse waves that transfer electrical and magnetic energy.
 11. A repeated back and forth or up and down motion.

12. The bouncing back of an object or wave when it hits a surface through which it cannot pass.

14. The material through which a wave travels.

15. Unit of measurement for frequency.

Down

1. A wave that requires a medium through which to travel.

3. The interaction between waves that meet.

4. The part of a longitudinal wave where the particles of the medium are far apart.

5. The bending of waves as they move around a barrier or pass through an opening

6. The highest part of a transverse wave.

8. The maximum distance the particles of a medium move away from their rest positions as a wave passes through the medium.

13. The lowest part of a transverse wave.