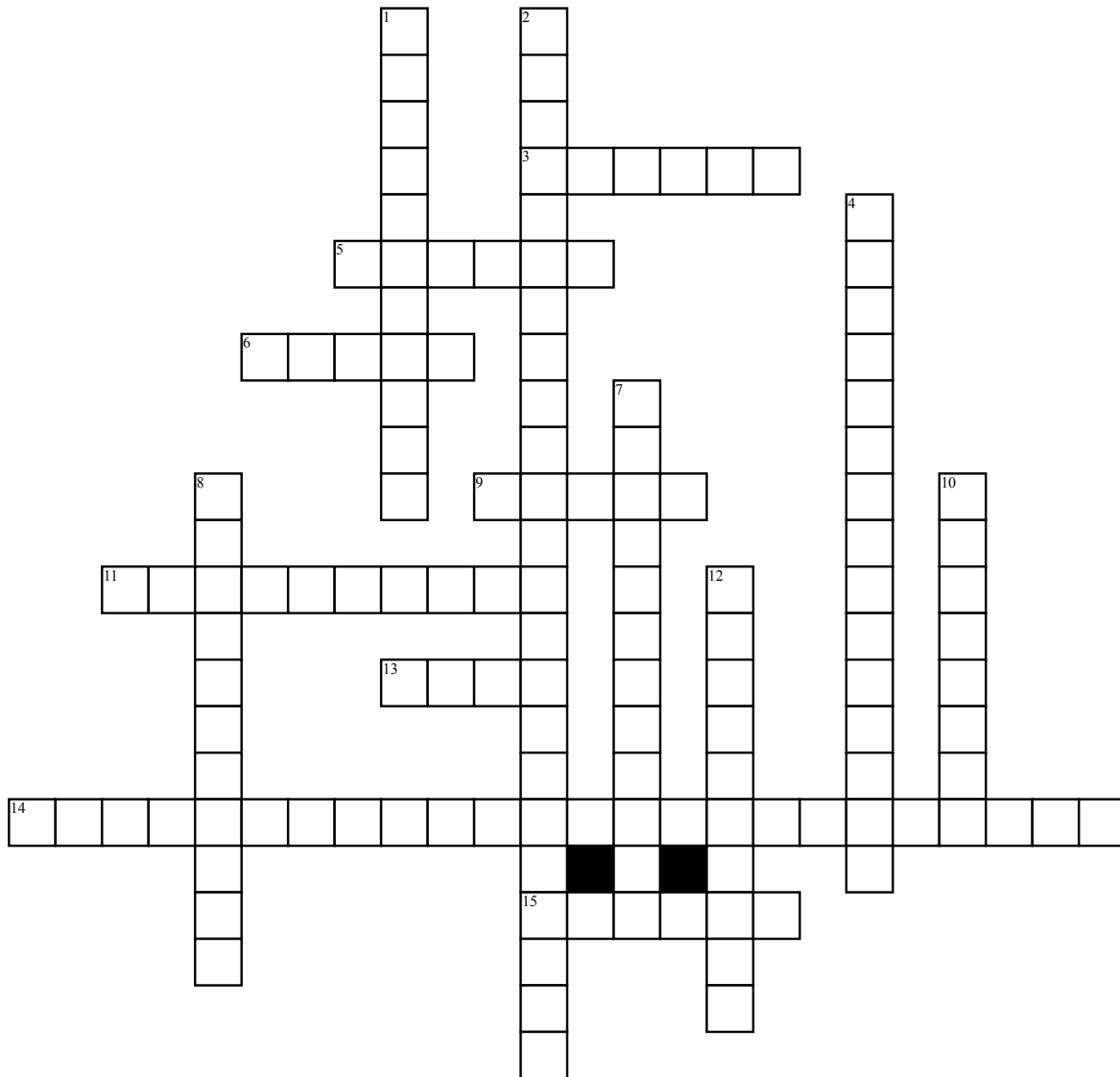


Characteristics of waves



Across

- 3. Lowest point below the plane of vibration
- 5. Material through which the wave travels
- 6. Highest point above the plane of vibration
- 9. Unit of frequency
- 11. Bending of a wave as the wave passes from one medium to another

13. Point of zero amplitude in standing wave

14. Occurs when two waves combine to make a wave with larger amplitude

15. Ability to do work

Down

1. the point in a longitudinal wave where the matter particles of the medium are closest together.

2. Occurs when two waves combine to make a wave with smaller amplitude

4. Waves that require a medium

7. The interaction between waves when they meet

8. Bending of waves as they move around a barrier

10. Point of maximum amplitude on a standing wave

12. Distance between two corresponding parts of a wave