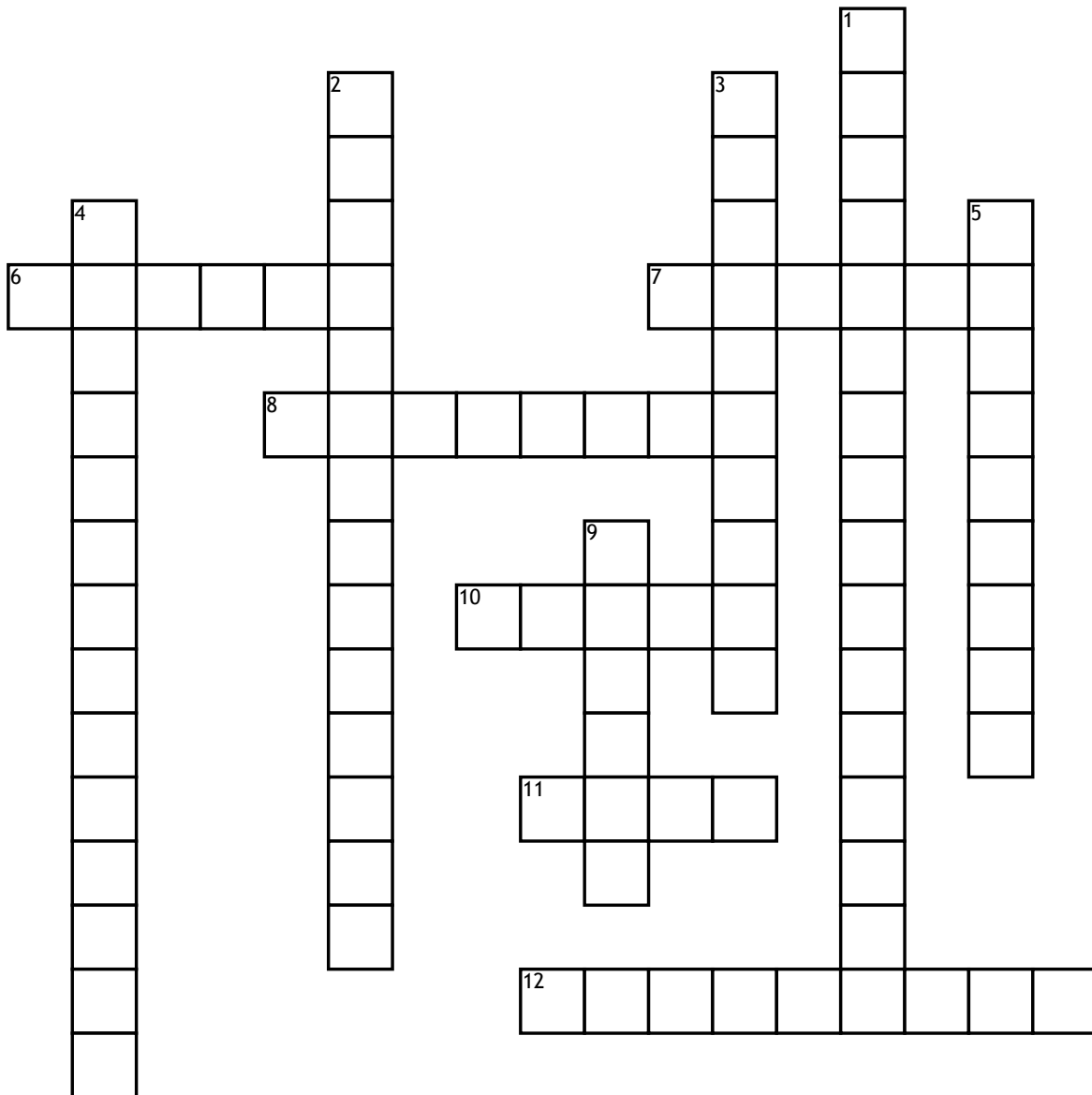


# Chapter 11 Physics Terms



**Across**

- 6. The lowest point below the equilibrium position (mid-line).
- 7. A physical environment through which a disturbance can travel through.
- 8. A point in a standing wave, halfway between two nodes, at which the largest displacement occurs.
- 10. The highest point above the equilibrium position (mid-line).

11. A point in a standing wave that maintains zero displacement.

12. The number of waves/cycles per unit of time.

**Down**

- 1. A wave whose particles vibrate parallel to the direction the wave is traveling.
- 2. A wave that requires a medium through which to travel.

3. The distance between two adjacent similar points of a wave, such as from crest to crest or trough to trough.

4. A wave whose particles vibrate perpendicularly to the direction the wave is traveling.

5. Height of a wave from the mid-line.

9. The time that it takes a complete cycle to occur.