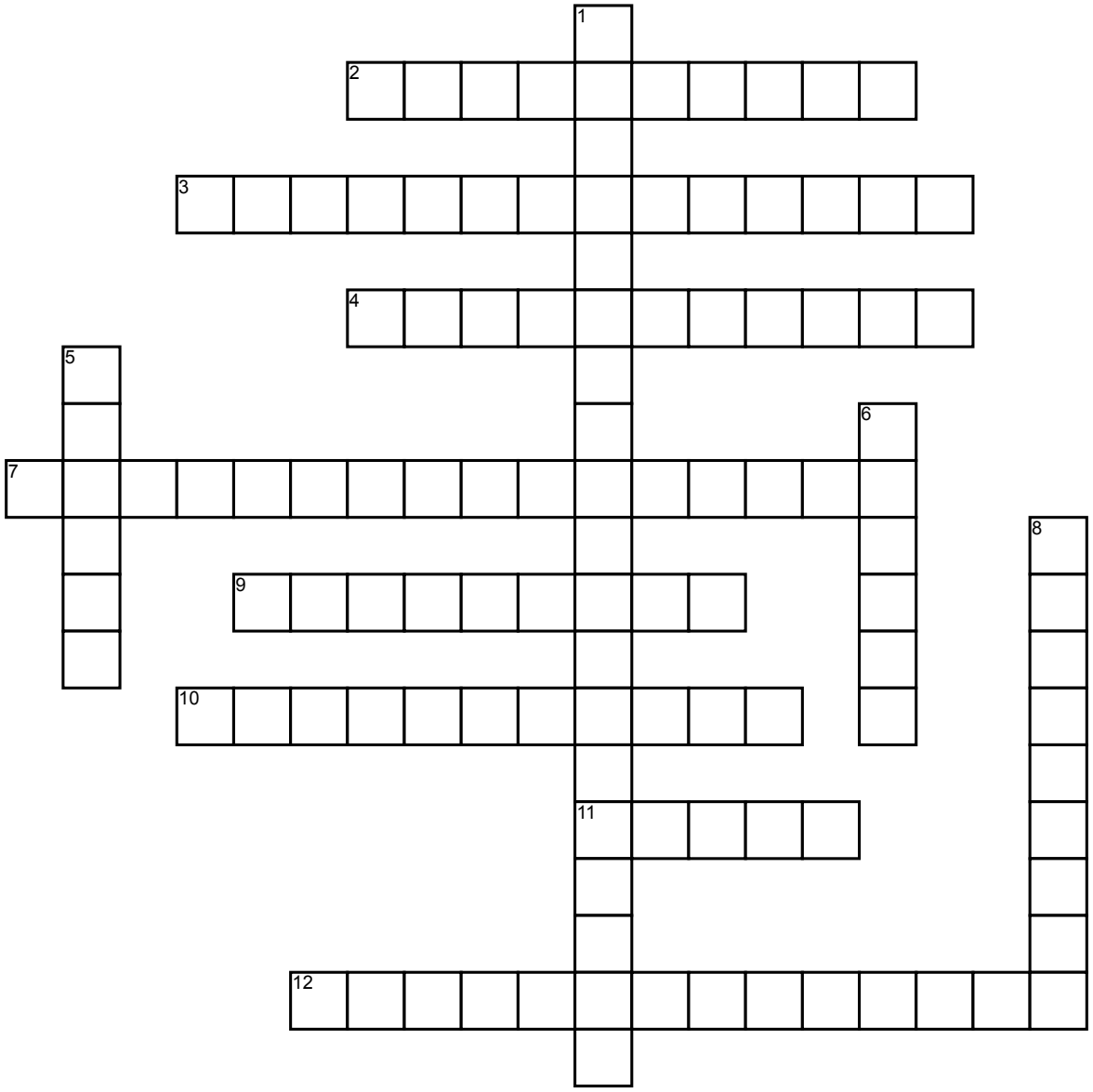
Name: _____ Date: _____

Waves



Across

2. equals the distance between two successive wave crests or troughs

3. a wave that is an oscillation of matter, and therefore transfers energy through a medium.

4. a region in a longitudinal wave where the particles are closest together.

7. wave that oscillates back and forth on an axis that is the same as the axis along which the wave propagates

9. the number of crests of a wave that move past a given point in a given unit of time

10. a region in a longitudinal wave where the particles are closest together.

11. the point on a wave with the maximum value of upward displacement within a cycle

12. A wave that oscillates perpendicular to the axis along which the wave travels

Down

1. a wave produced by the acceleration of an electric charge and propagated by the periodic variation of intensities of, usually, perpendicular electric and magnetic fields.

5. the opposite of a crest, so the minimum or lowest point in a cycle

6. the time needed for one complete cycle of vibration to pass in a given point.

8. the maximum extent of a vibration or oscillation, measured from the position of equilibrium