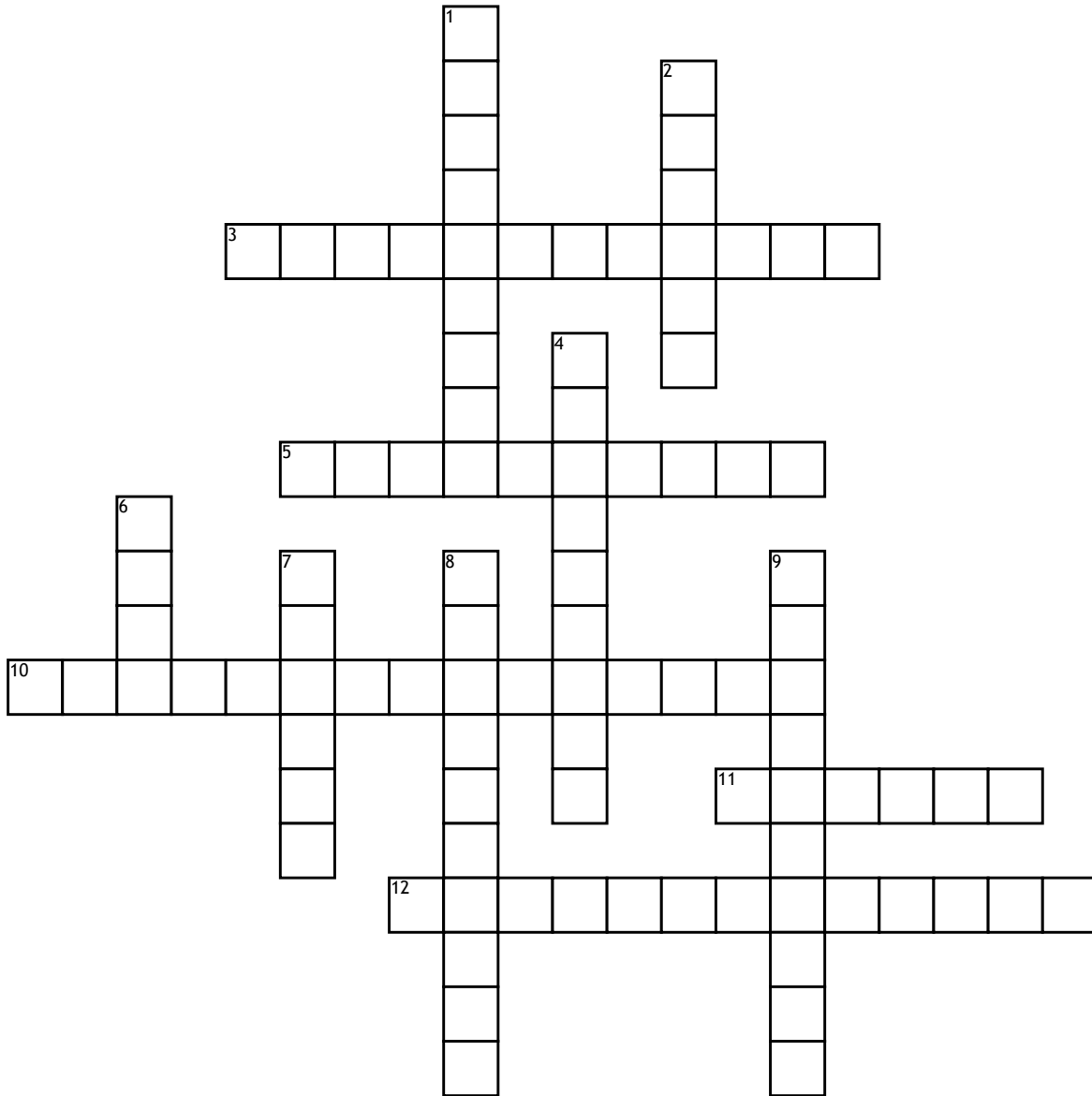


Waves - Use your notes and handouts to complete the crossword puzzle



Across

- 3. Wave in which particles of the medium move in a direction parallel to the direction that the wave moves
- 5. Distance between two consecutive peaks on a wave
- 10. A wave capable of transmitting its energy through a vacuum
- 11. completely empty space

12. at an angle of 90 degrees to a given line

Down

- 1. The maximum displacement of an object from its resting position.
- 2. the substance that carries a wave from one location to another
- 4. The number of cycles that are completed per time. Cycles/second

- 6. a disturbance that travels through a medium, transporting energy from one location to another location without transporting matter
- 7. The time for one full cycle to complete itself
- 8. Waves in which particle motion is perpendicular to the motion of the wave
- 9. A wave NOT capable of transmitting its energy through a vacuum.