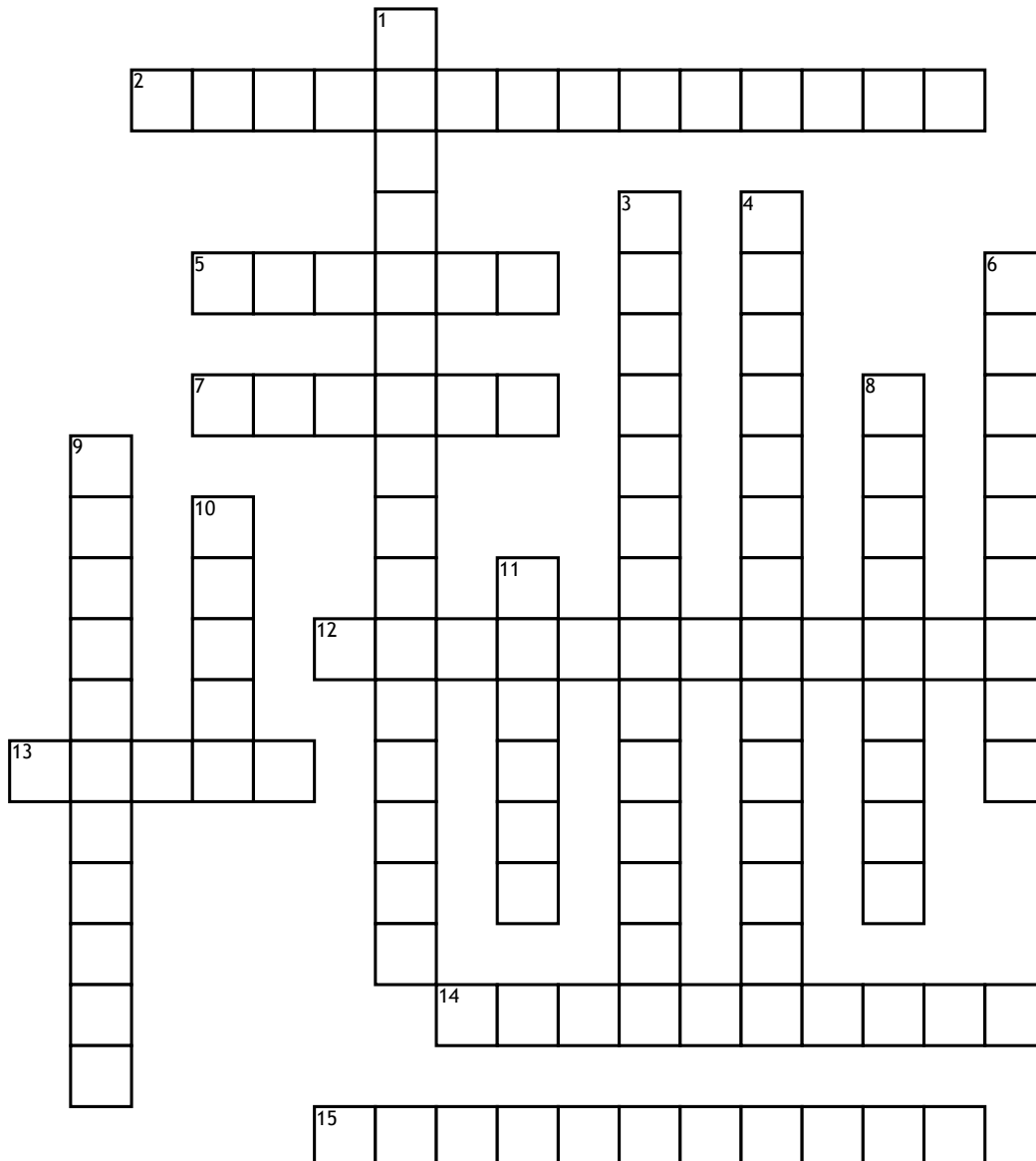


Unit 11



Across

2. Any motion that repeats at regular time intervals.
 5. The material through which a wave travels.
 7. The lowest point of a transverse wave.
 12. An area of a longitudinal wave where the particles of the medium are spread out.
 13. The unit of measure for frequency, equal to one cycle per second.
 14. The distance between a point on a wave and the same point on the next cycle of the wave.

15. A wave that travels along a surface separating two medias.

Down

1. A wave in which the vibration of the medium is parallel to the direction the wave travels
 3. A wave that causes a medium to vibrate at right angles to the direction in which the wave travels.
 4. A disturbance in matter that carries energy from one place to another.
 6. The number of complete cycles per unit time for a periodic motion.

8. The maximum displacement of a medium from the rest position.

9. An area of a longitudinal wave where the particles of the medium are close together.
 10. The highest point of a transverse wave.
 11. The time required for one complete cycle of a periodic motion.