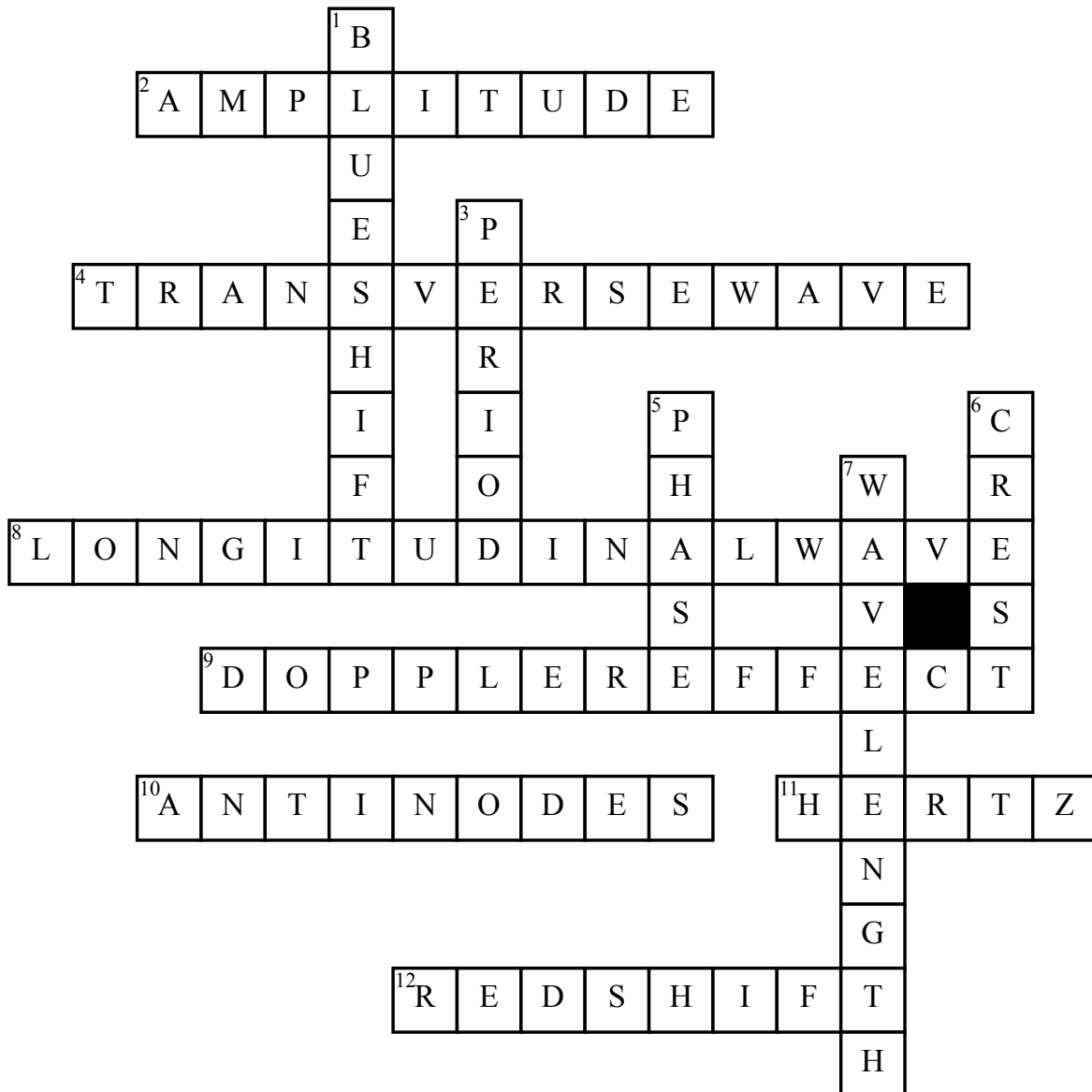


# Physics Wave Vocabulary



**Across**

- 2. the distance from the equilibrium position - where it would end if it stopped oscillating.
- 4. Waves in which the particles of the medium vibrate with an up and down motion.
- 8. Waves in which the particles of the medium vibrate back and forth along the path that the wave travels

- 9. the apparent change in frequency of a wave due to relative motion of the observer and/or source.
- 10. The positions on a standing wave with the largest amplitudes
- 11. the SI unit of frequency, equal to one cycle per second.
- 12. moving away from you; lower frequency

**Down**

- 1. moving toward you; higher frequency

- 3. the time needed for an object to complete one full cycle of simple harmonic motion time for one full movement; 1 complete back and forth
- 5. displacement and velocity of a particle in a wave medium
- 6. is a point on the wave where the displacement of the medium is at a maximum.
- 7. The distance between two similar parts of a wave