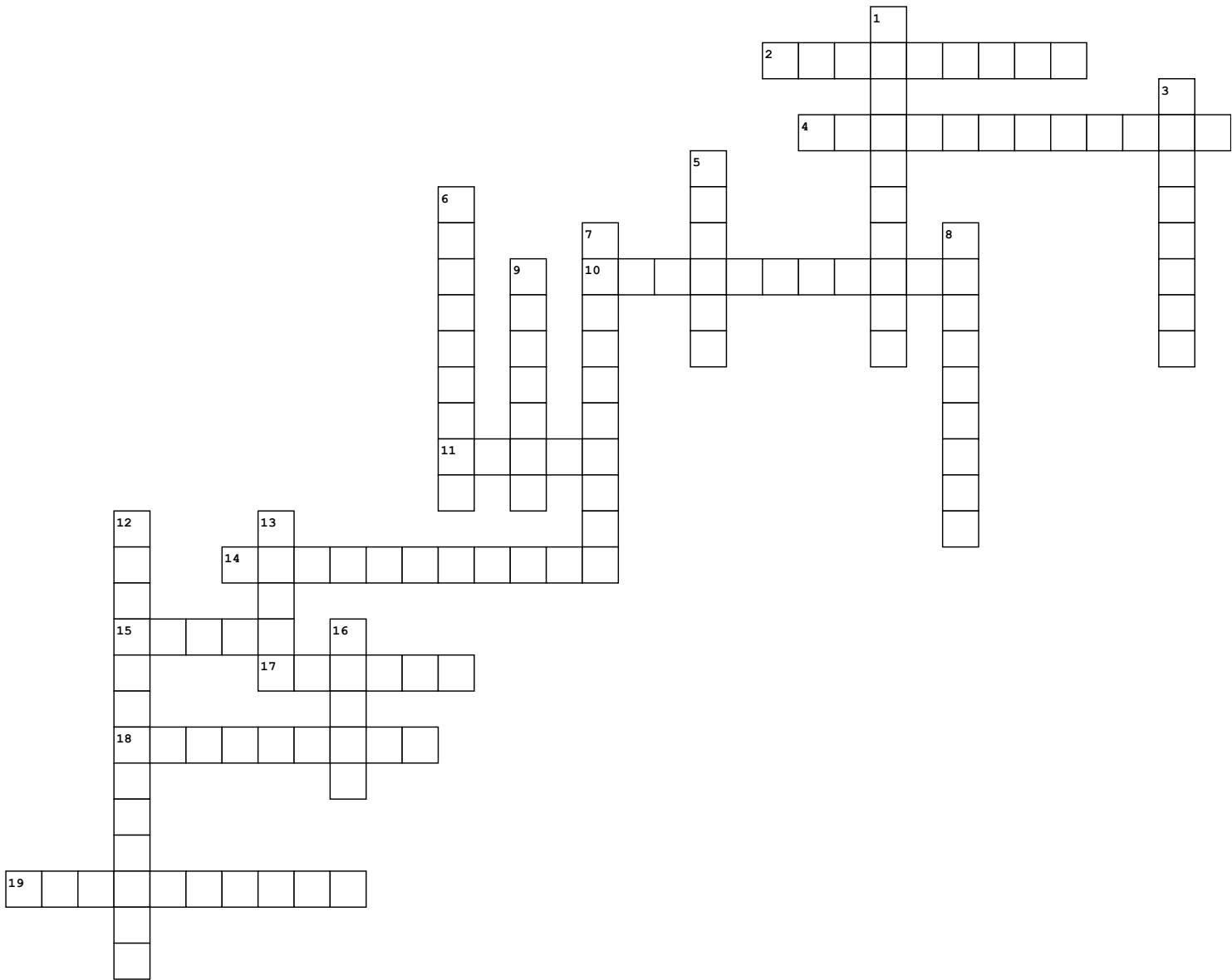


Physics crossword



Across

2. Wave speed is the distance the wave travels in a given amount of time, such as the number of meters it travels per second
4. the action of restricting the vibrations of a transverse wave, especially light, wholly or partially to one direction
10. position the equilibrium position: The point in a chemical reaction at which the concentrations of reactants and products are no longer changing
11. top of a wave
14. Diffraction refers to various phenomena that occur when a wave encounters an obstacle or opening

Down

1. the throwing back by a body or surface of light, heat, or sound without absorbing it;
3. producing or capable of producing much noise; easily audible
5. a length or portion of time
6. is the number of occurrences of a repeating event per unit of time
7. the fact or phenomenon of light, radio waves, etc. being deflected in passing obliquely through
8. the maximum extent of a vibration or oscillation, measured from the position of equilibrium

15. the quality of a sound governed by the rate of vibrations producing it; the degree of highness or lowness of a tone

17. A trough is an elongated region of relatively low atmospheric pressure

18. the reinforcement or prolongation of sound by reflection from a surface or by the synchronous vibration of a neighboring object

19. the distance between successive crests of a wave, especially points in a sound wave or electromagnetic wave

9. a unit used to measure the intensity of a sound or the power level of an electrical signal by comparing it with a given level on a logarithmic scale

12. The Doppler effect or Doppler shift (or simply Doppler, when in context) is the change in frequency of a wave in relation to an observer who is moving relative to the wave source

13. the natural agent that stimulates sight and makes things visible

16. vibrations that travel through the air or another medium and can be heard when they reach a person's or animal's ear