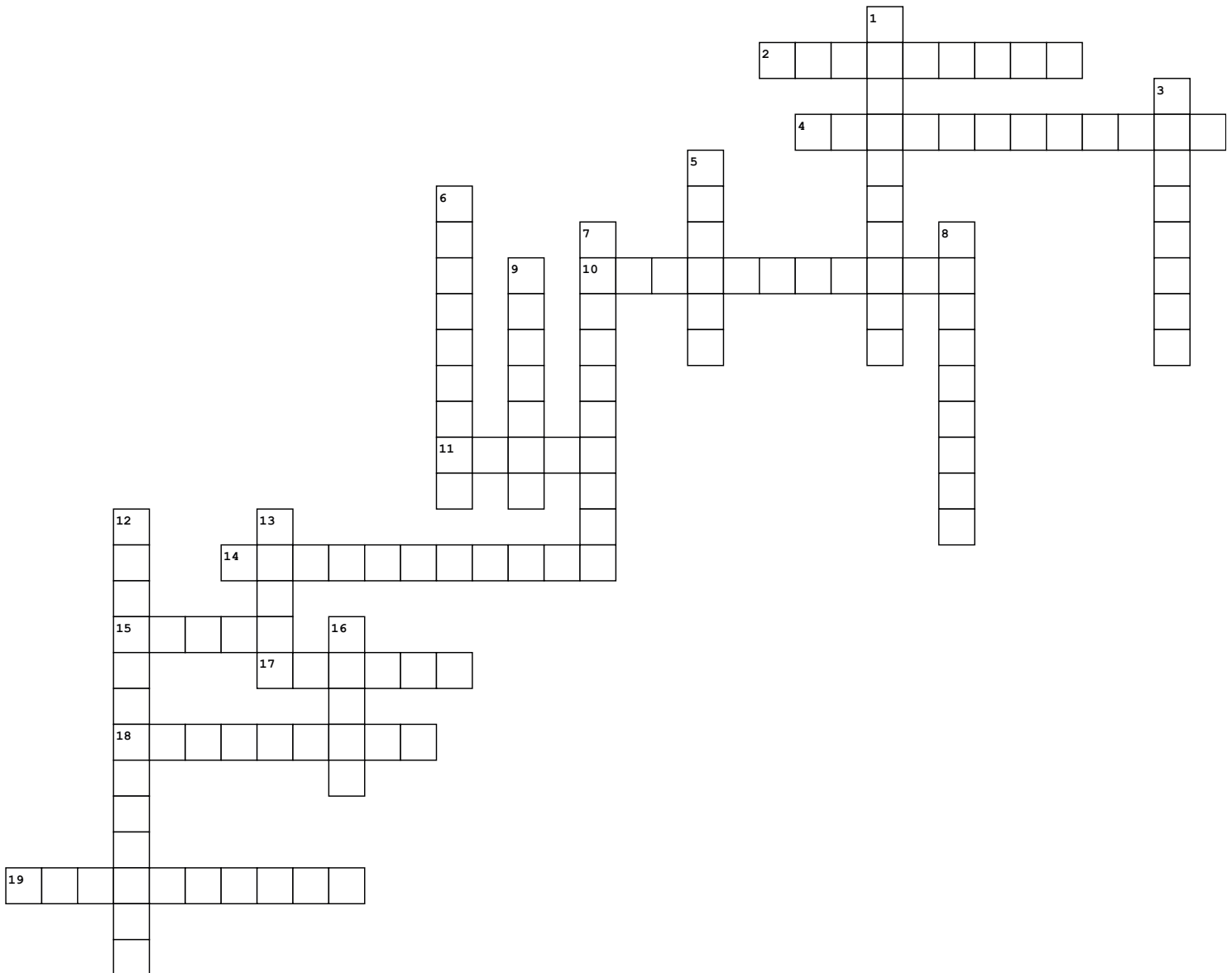


Physics crossword



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