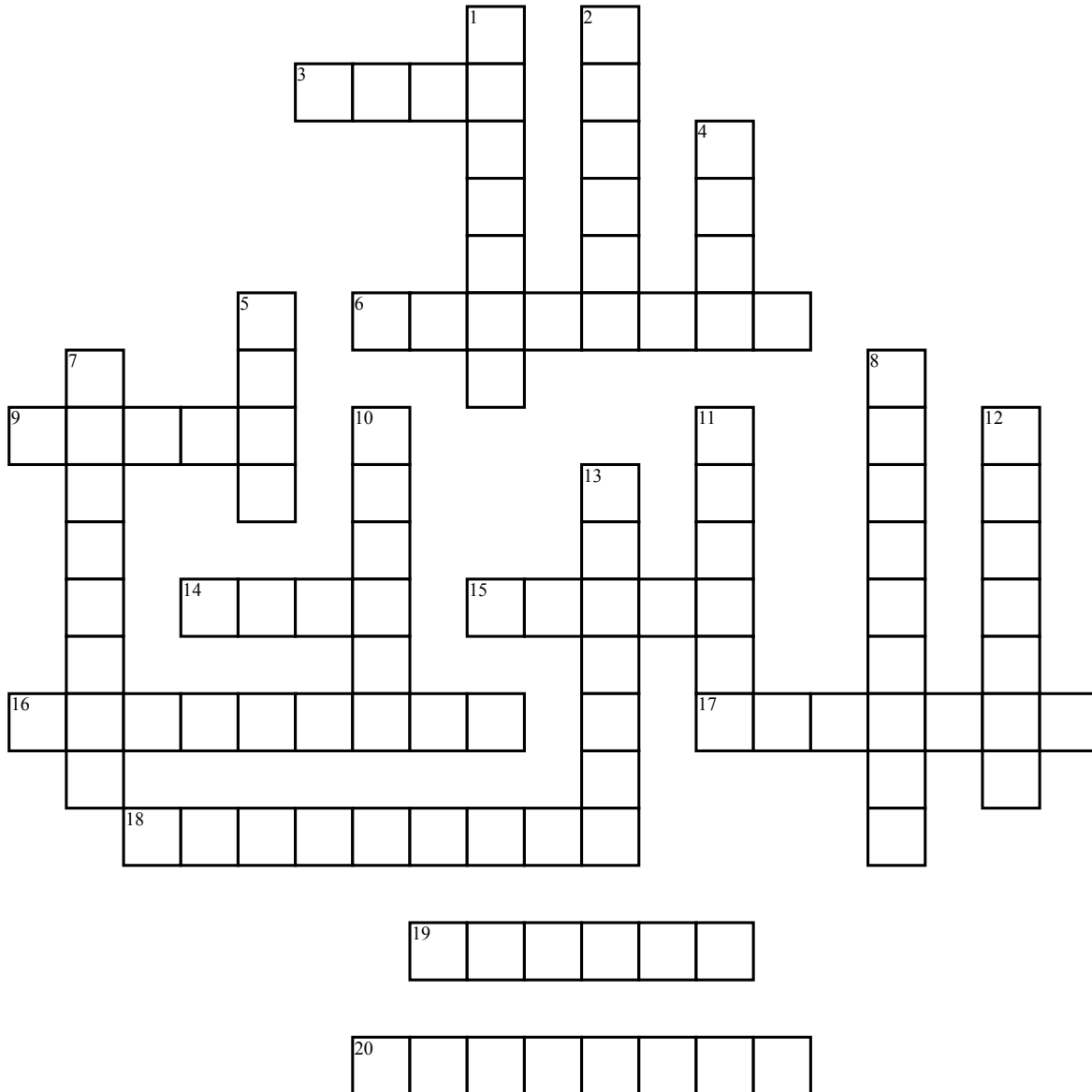


Physics Crossword



Across

- 3.** Fuse- a small piece of metal that melts if the current becomes too
6. Electromagnetism- the force which hold electrons and protons
9. Electric Field Lines- are imaginary lines drawn in such a way that their direction at any point is the same as the direction of the field at that
14. Trough- the lowest part of a
15. Waves- a rhythmic disturbance that carries energy through matter or
16. Electric Current- continuous flow of charges through a

- 17.** Series Circuit- the current has only one loop to flow
18. Electricity- the flow of
19. Transverse Waves- waves that vibrate perpendicular to the direction of wave
20. Electric Power- the rate at which electric energy is

Down

- 1.** Parallel Circuit- contains two or more branches for current to move
2. Force- a push or pull of an
4. Crest- the highest part of a
5. Circuit- a closed, conducting

- 7.** Period- the time required for one full wave to pass a
8. Resistance- the tendency for a material to oppose the flow of
10. Static Electricity- build up of charges that pass quickly to another
11. Friction- when an object whose electrons are loosely held rubs against another
12. Amplitude- the maximum distance a point is moved from its rest position when a wave passes
13. Volts- the electrical pressure that pushes and pulls