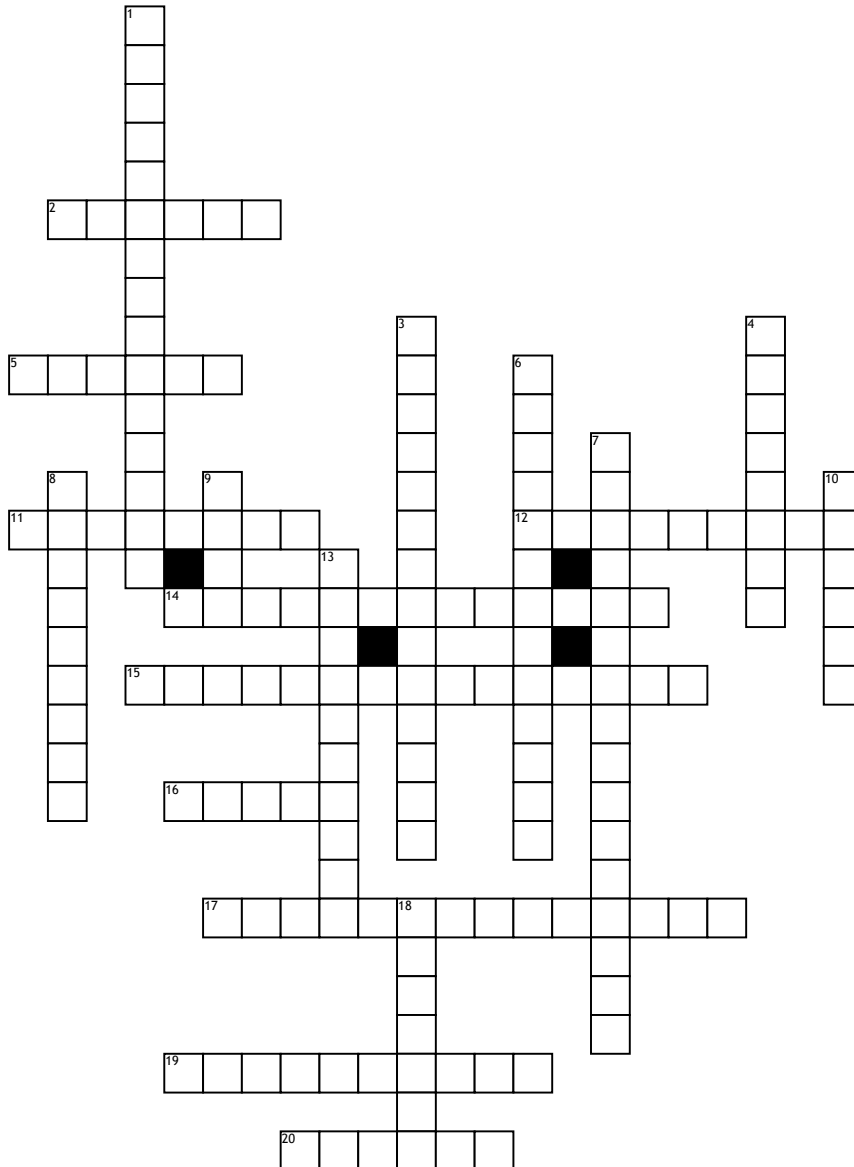


Waves and Electricity



Across

2. time needed for one complete cycle of vibration to pass a given point
 5. material for a wave to travel through
 11. point of maximum displacement
 12. allows the flow of electrical currents
 14. one path for current to flow
 15. 2 or more paths for a current to flow
 16. high point of wave

17. motion of the medium is right angles to the direction of wave

19. material to resist the flow of an electric current

20. unit of measure for the flow of a current

Down

1. path for which electrons flow

3. must have a medium to travel through

4. designed to offer a desired amount of resistance to the flow of current

6. electric flowing in one direction only

7. medium is parallel to direction of wave

8. electric current does not flow freely

9. point of minimum displacement

10. low point of wave

13. change in direction of wave at an interference

18. electrical potential energy per unit charge