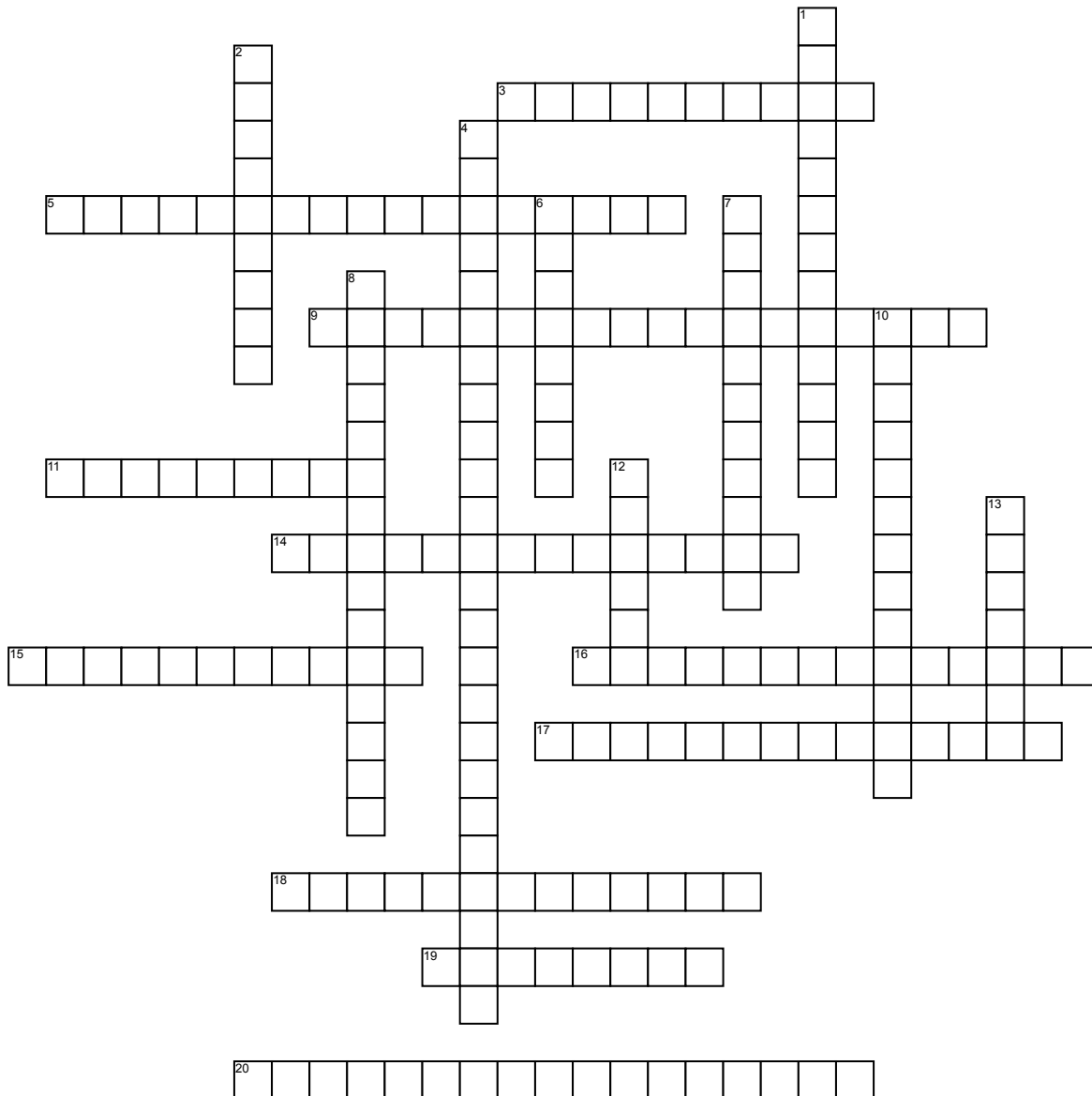


# Electromagnetism



## Across

3. which store charge and energy temporarily  
 5. is a device that converts mechanical energy to electrical energy  
 9. AC  
 11. is a device that converts mechanical energy to electrical energy  
 14. english physicist  
 15. rotating loop of wire  
 16. electrons are moved along the wire

17. produced only by moving charges  
 18. acts in a direction that is perpendicular to the direction of the field  
 19. coil of wire  
 20. it provides an alternative to the electric field

## Down

1. DC  
 2. circular metal conductors  
 4. an electric current from a magnetic field in a process  
 6. rotating a wound coil

7. electromagnetic forces have been combined into a common force  
 8. refers to the electrons that move through a conductor  
 10. is a common type of machine that is largely present in the machines that you have in your house  
 12. pieces of graphite  
 13. is induced by the relative motion between a wire and a magnetic field