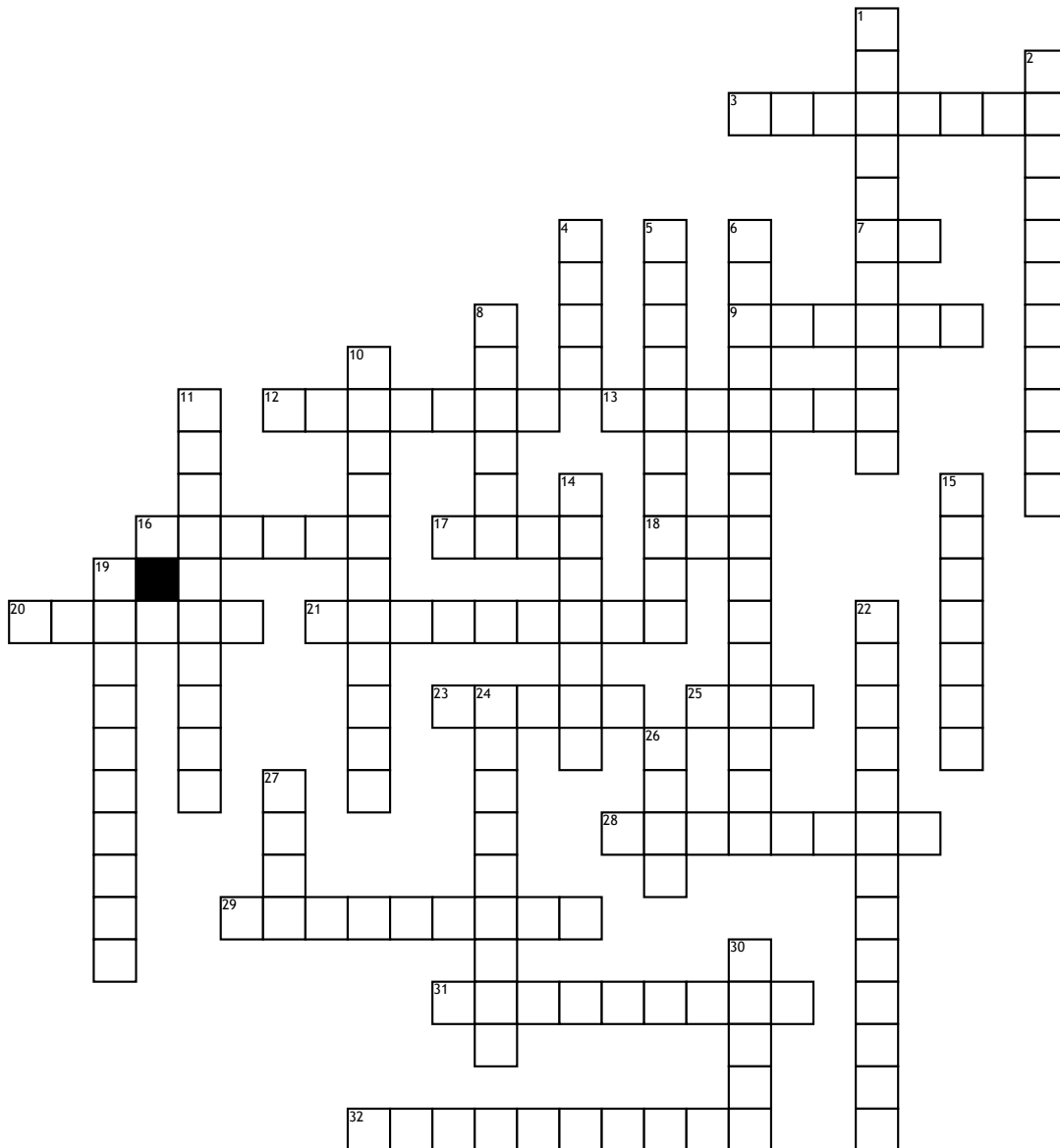


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Amateur Radio



## Across

3. the type of electrical circuit in which the electric current flows along several paths  
 7. One type of radio station is an AM radio station; another type of radio station is an \_\_\_\_\_ radio station.  
 9. the ability to do work  
 12. a closed path along which electricity can flow  
 13. the push that moves current through a wire  
 16. the type of electrical circuit in which the electric current flows along a single path  
 17. the term used for an integrated circuit  
 18. unit of measurement for electrical resistance; it is named after a German physicist  
 20. the type of electricity you produce when you run a comb quickly through your hair  
 21. Satellite communications use very high frequencies called \_\_\_\_\_ frequencies.

23. the name for conductors which are used to connect components in an electrical circuit; they are usually made of copper  
 25. a semiconductor device that gives off light when current flows through it  
 28. one of the tiny particles that makes up an atom and has a negative charge  
 29. the two points on a battery where you connect wires  
 31. a material that electricity flows through easily  
 32. an electronic component used in radios to increase the loudness of a sound

## Down

1. a device to increase or decrease voltage  
 2. refrigerators, stoves and household light bulbs use \_\_\_\_\_ current  
 4. the unit of measurement for power  
 5. the device you speak into to turn your voice into an electrical signal

6. Both light waves and radio waves are examples of \_\_\_\_\_ waves.  
 8. a device that completes or breaks an electrical circuit  
 10. a device that is used to produce radio signals  
 11. the equipment used to receive moving pictures sent using radio waves  
 14. a device that turns an electrical signal into sound  
 15. a device that produces electricity by using chemicals  
 19. the distance between two crests on a wave  
 22. a material that has the characteristics of an insulator and a conductor  
 24. a material that electricity cannot flow through easily  
 26. the unit of measurement for voltage  
 27. a safety device used to cut off the electricity if the current gets too high  
 30. the amount of energy used up every second