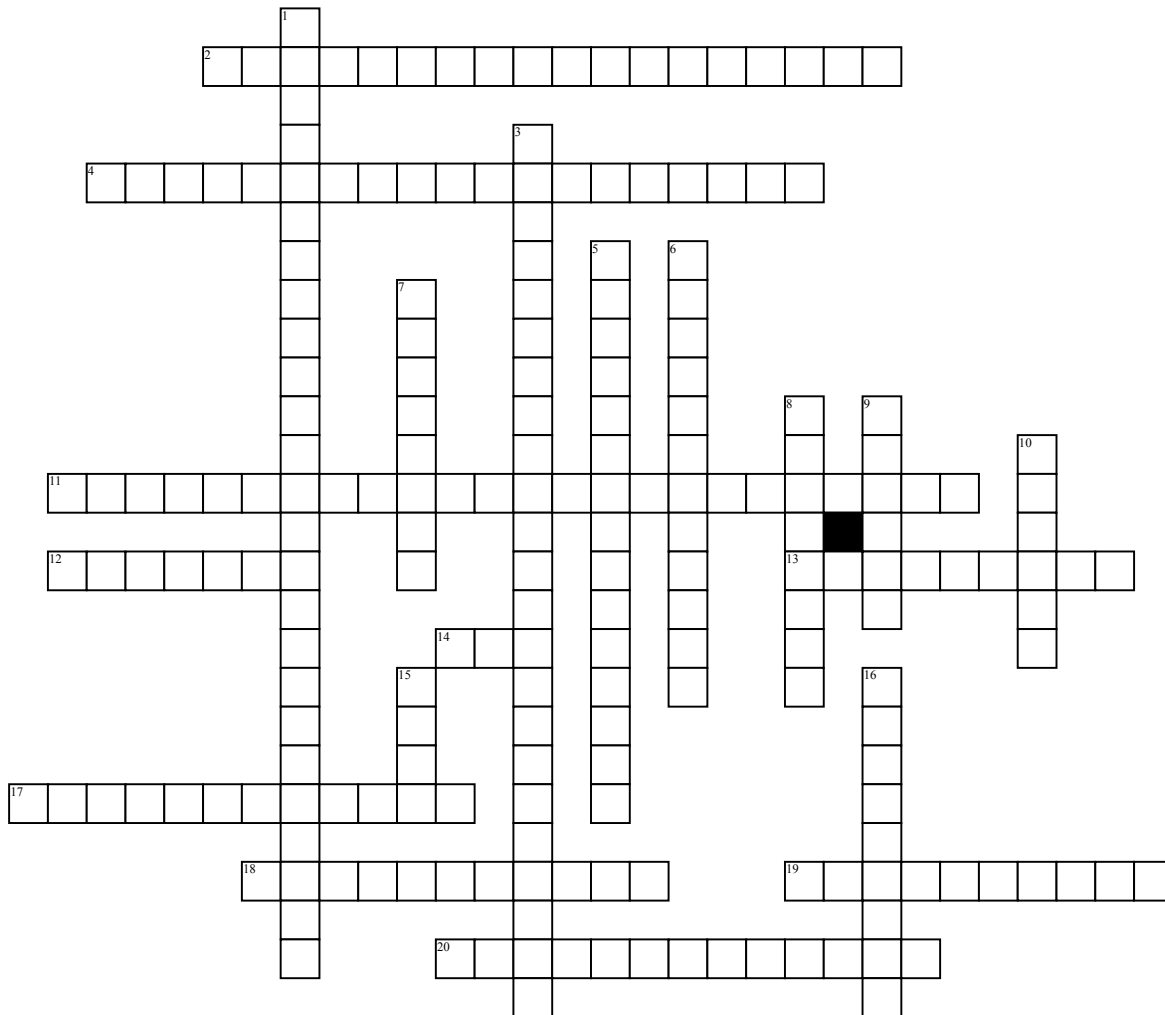


Name: \_\_\_\_\_

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

# The Connectivity: Telecommunications, Networks, and The Internet



## Across

2. people can communicate wirelessly from and to nearly anywhere in the world  
 4. a physical link that allows a computer in one location to be connected to a computer in another location  
 11. Each byte of data is surrounded by control bits  
 12. a program that finds Web pages and displays the pages on the user's screen  
 13. the number of bits that can be transferred in a given second over a given medium  
 14. the cable connection  
 17. is commonly used for VCR and cable television connections, in telephone networks, and in some computer networks  
 18. all computers are linked by means of a single line of cable with two endpoints

19. can take advantage of communication medium for their computers to provide much faster transmission speed than twisted-pair cable  
 20. How bandwidth is measured

## Down

1. Personal computer, workstation, or terminal used to send information or a request to another computer  
 3. a solar-powered electronic device that contains several small, specialized radios  
 5. one cable of carrying a smaller amount of data at slower speeds is referred to as a narrow band medium  
 6. Is in the form of continuous waves transmitted over a medium at a certain frequency range

7. an application that allows users to talk with each other in real time via the computer monitor about topics of mutual interest  
 8. coaxial cables both contain copper conductors and are used to transmit electrical signals- streams of electrons  
 9. used to send information or a request to another computer  
 10. consists of hardware and/or software that allows for communication between two networks that are similar  
 15. has its own antenna and encompasses an area approximately 10~12 miles in diameter  
 16. coaxial cable has several channels that transmit a number of different analog signals at the same time