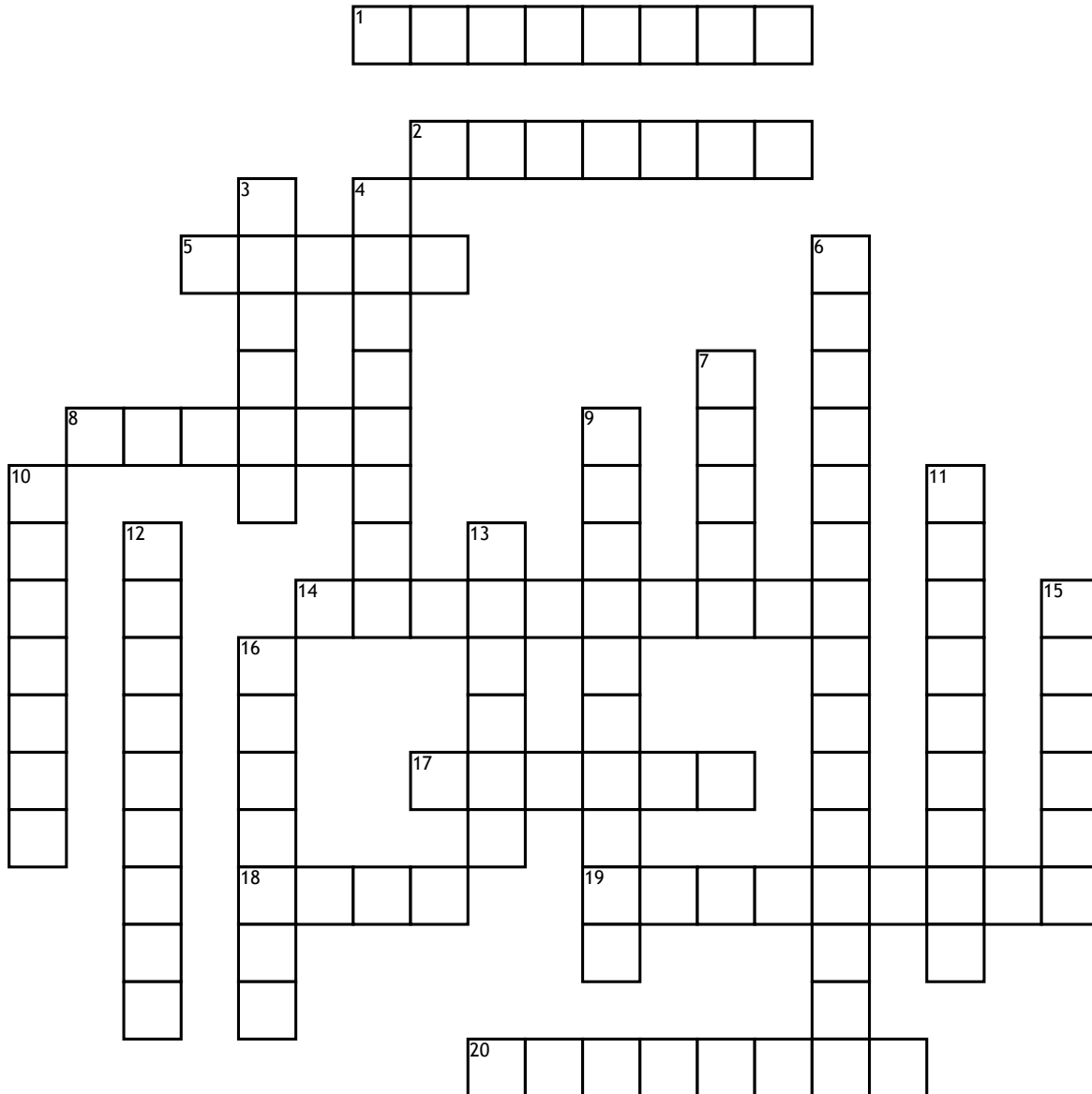


Name: \_\_\_\_\_

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

# Engineering Concepts



## Across

1. Voltage is electrical \_\_\_\_\_ that pushes electrons

2. A type of insulator

5. Definition of current multiplied by voltage

8. With \_\_\_\_\_ Current (DC), the electrons flow in only one direction.

14. The amount of electron flow will depend on

17. 1st color on a 4.7k ohm resistor

18. This law defines the relationship between voltage, current, and resistance

19. All electronic circuits have a path for this to flow

20. Current flow is also known as \_\_\_\_\_

## Down

3. A type of conductor

4. Electrons will flow from here to positive

6. allows users to continue to use and maintain the proper operation of a system or product.

7. 3rd color on a 330 ohm resistor

9. This is the 3rd band on a 4 band resistor

10. What "I" stands for

11. Material that prevents the flow of electrons

12. Material that easily allows electrons to flow

13. Last band on a 56k ohm 10% tolerance resistor

15. The current remains the same in this closed loop type of circuit

16. The atom is made of one of these three things