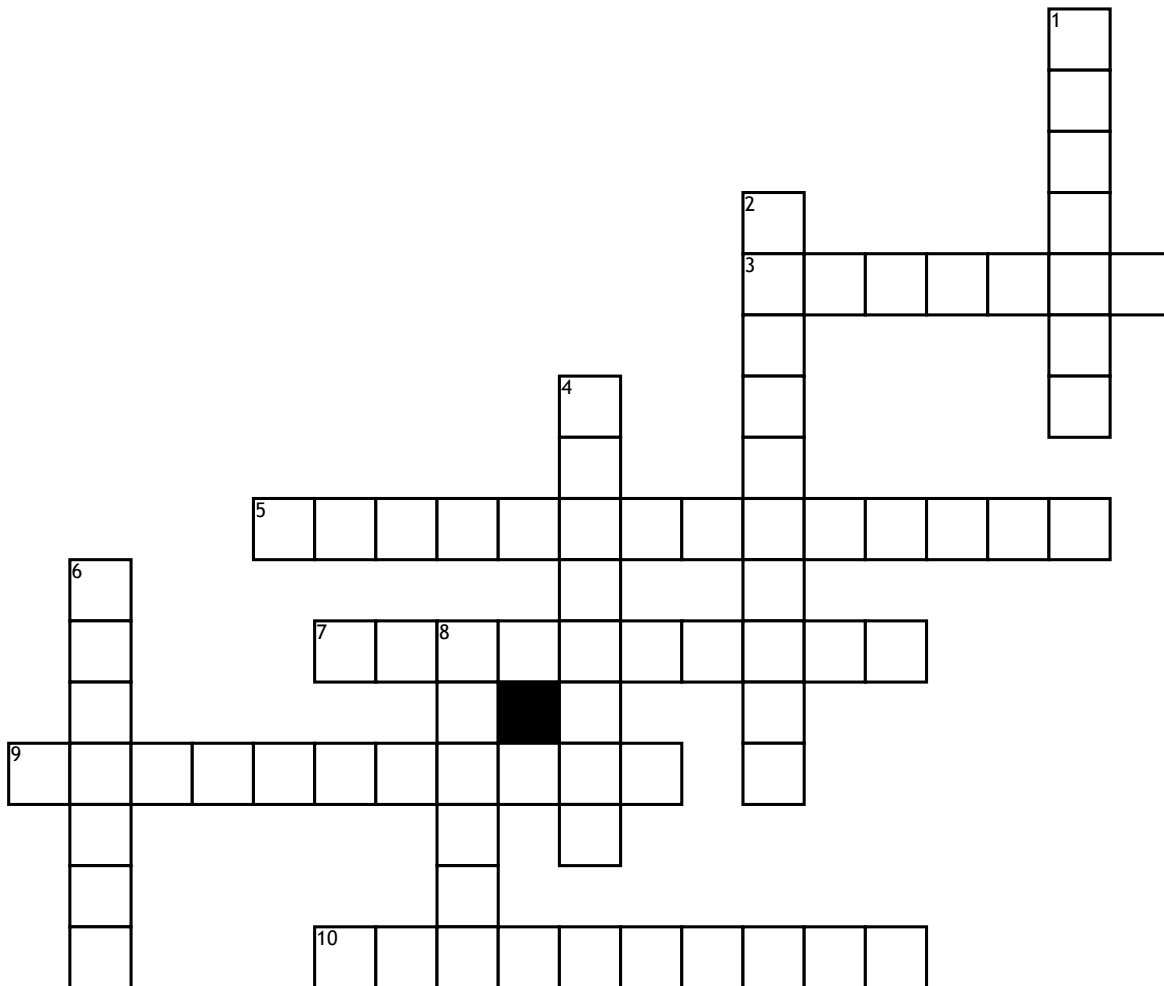


Name: _____

Circuits



Across

- 3. The voltage across an ideal conductor is proportional to the current through it.
- 5. Property of subatomic particles that causes it to experience a force when placed in an electromagnetic field.
- 7. Materials where the electrical charge does not move freely.
- 9. A device that uses electromagnetic induction to change the voltage of electric current.
- 10. A measure of the degree to which a conductor resists the movement of electrons. (Unit is Ohms)

Down

- 1. The pressure from an electrical circuit's power source that pushes charged electrons (current).
- 2. Materials where the electrical charge does move freely.
- 4. Type of circuit in which the components are connected to form more than one pathway for electricity to flow through.
- 6. The amount of charge that passes a point in a given amount of time.
- 8. Type of circuit in which the components form a single pathway for the electricity to travel through.