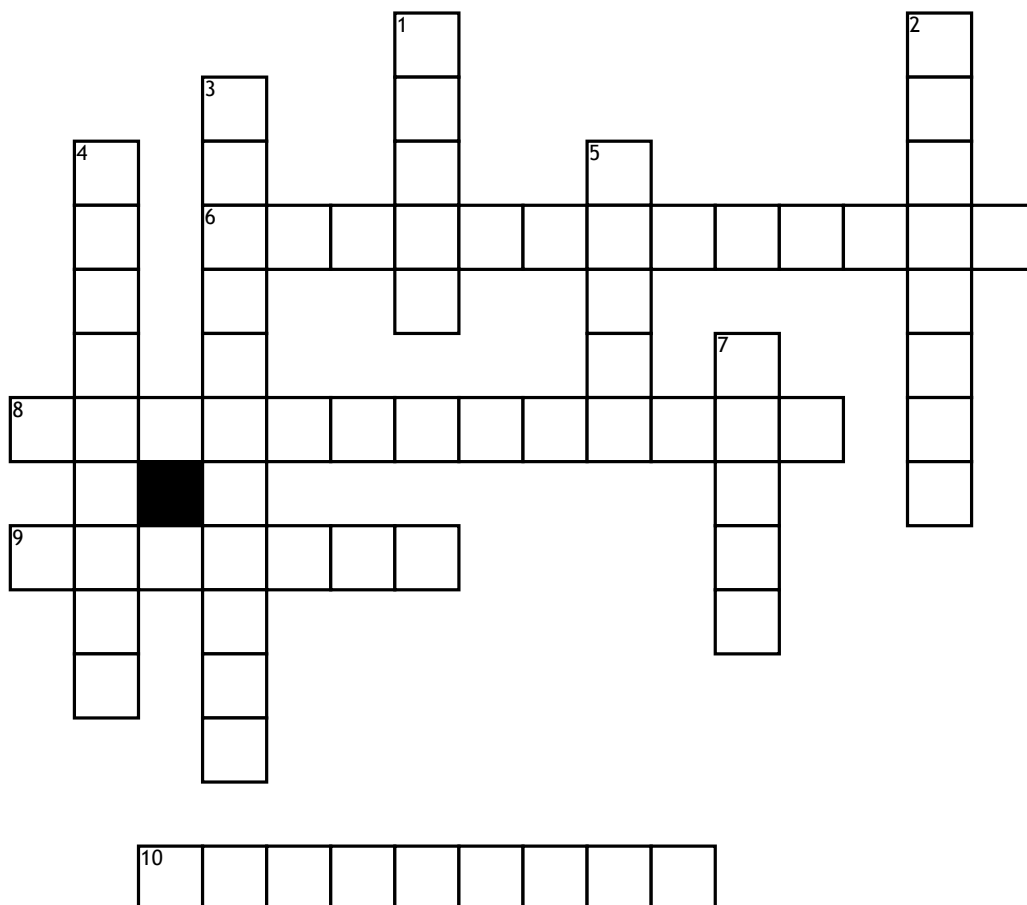


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Magnetism and Electricity



## Across

6. A magnet that is created by wrapping an soft metal in an electrically charged copper wire  
8. Iron, nickle, and cobalt, are \_\_\_\_\_ materials  
9. A series of electronic components through which an electrical current can flow.  
10. Generating a current by electrical conductor relative to a magnetic field is called electromagnetic \_\_\_\_\_

## Down

1. The strength or energy of an object  
2. A coil-carrying wire that produces a magnetic field  
3. Energy from the movement of charged particles  
4. The motion of electric charges that causes objects to attract and repel  
5. SI measure of electricity  
7. The area around an charged particle or object through which force can be exerted is a magnetic \_\_\_\_\_

## Word Bank

induction	circuit	solenoid	field
electromagnet	force	joule	ferro-magnetic
electricity	magnetism		