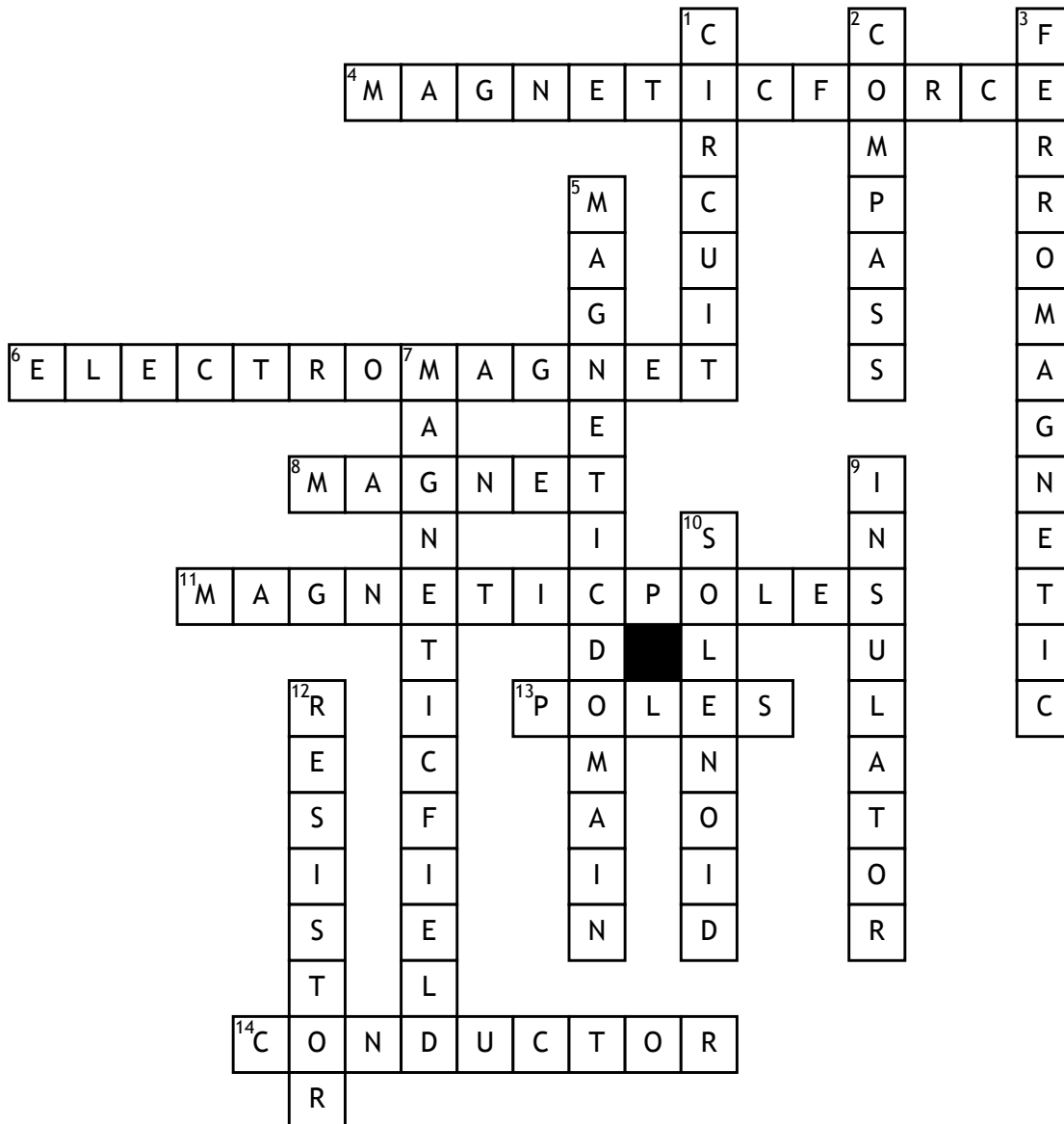


Name: \_\_\_\_\_

# Magnetism



## Across

4. attraction of repulsion between magnetic poles

6. a coil of wire with a core attached to an electrical source

8. a material that attracts iron and material that contains iron

11. each end of a magnet

13. where the magnetic field is the strongest

14. a material through which electricity cannot flow

## Down

1. a continuous unbroken path through which electricity can flow

2. a device that has a magnetized needle that spins freely

3. Material that has strong magnetic properties including nickel, iron, cobalt, and steel

5. a grouping of atoms that have their magnetic field aligned

7. area of magnetic force around a magnet

9. a material through which electricity cannot flow

10. a coil of wire that produces a magnetic field when carrying an electric current

12. a material that reduces the flow of electricity