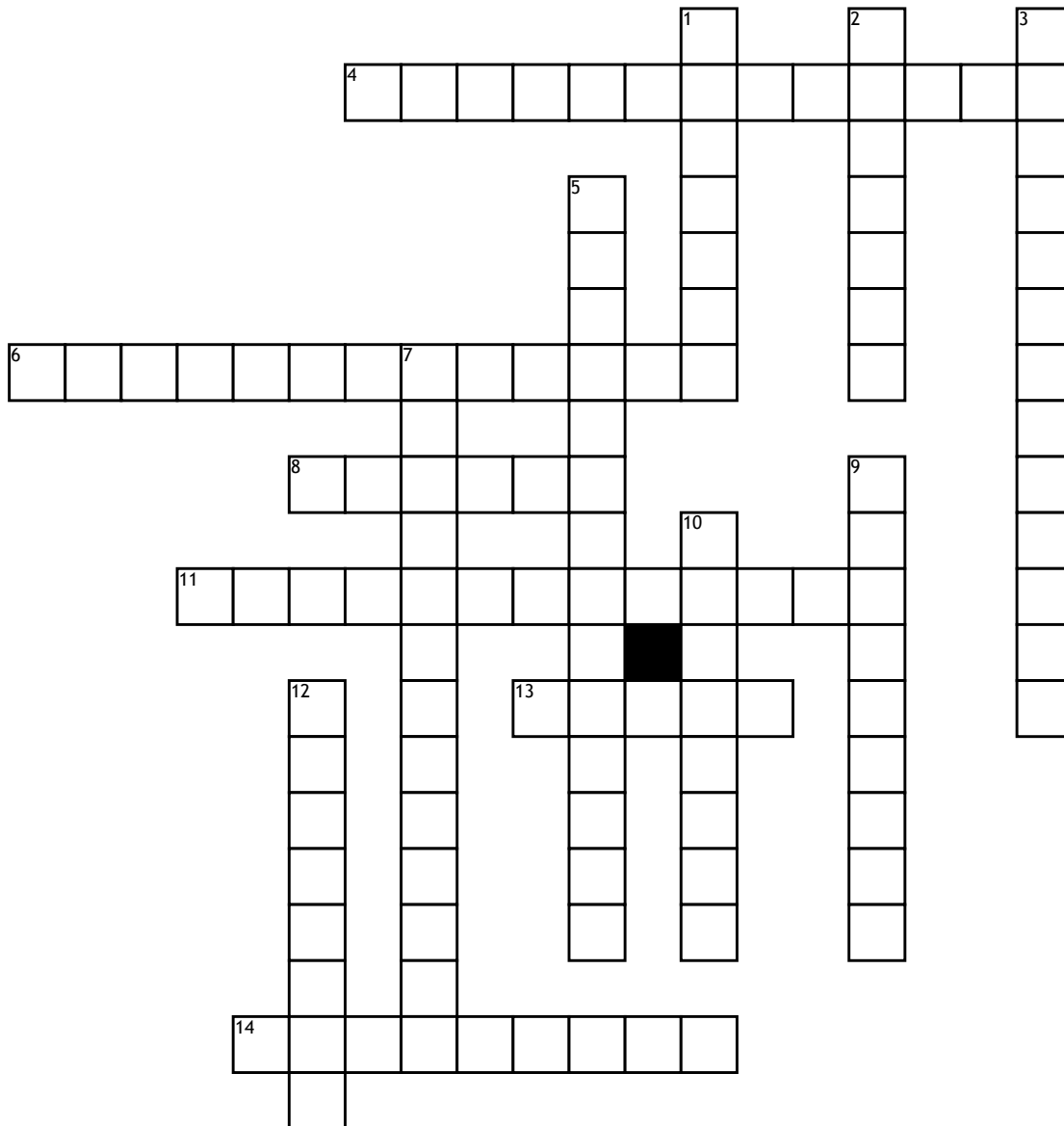


Name: _____

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