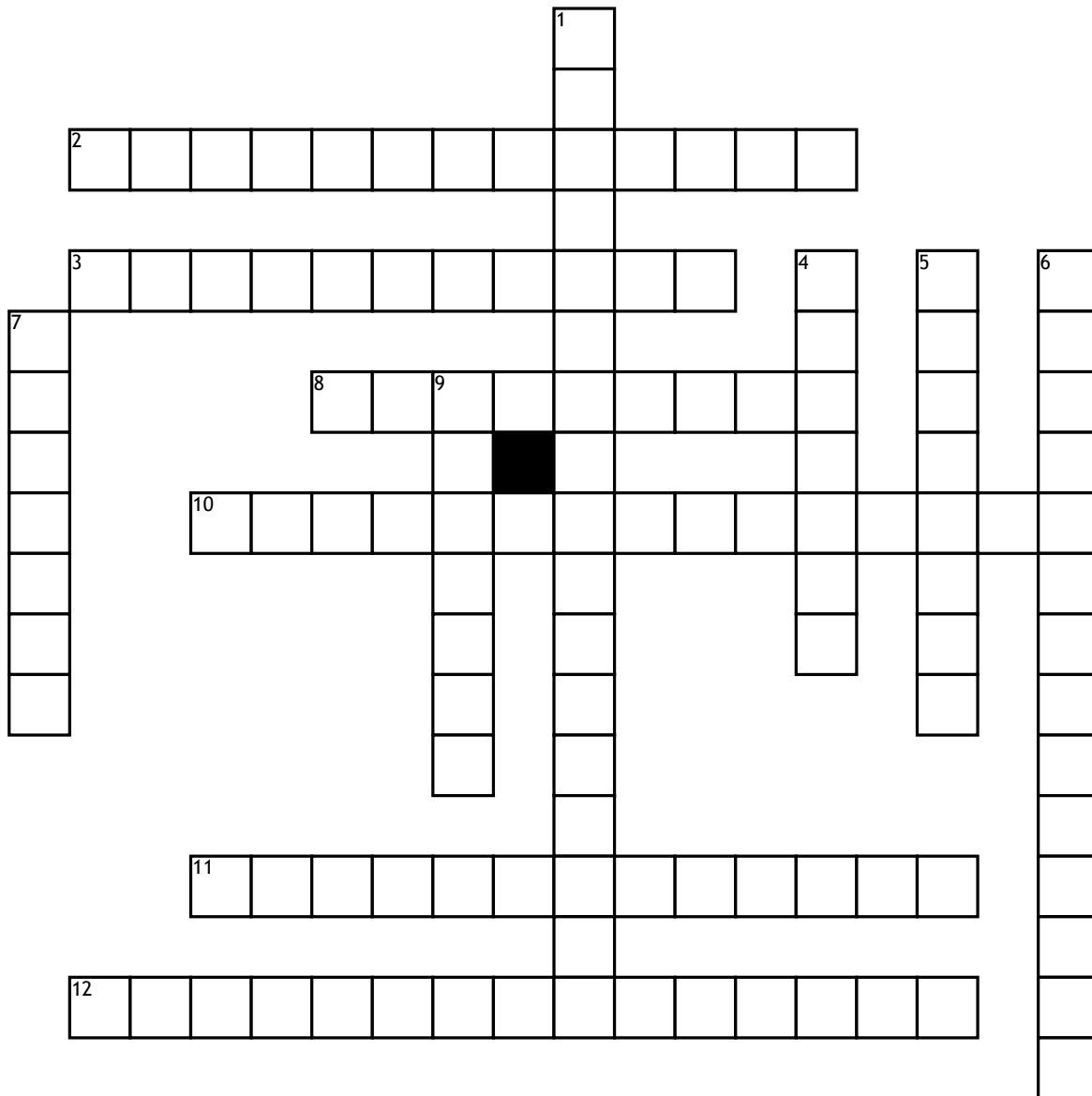


Name: _____

Date: _____

list 6



Across

2. a magnet created by wrapping a coil wire with a current around a ferromagnetic core
 3. a form of energy resulting from the existence of charged particles
 8. a physical phenomenon produced by the motion of electric charge, resulting in attractive and repulsive forces between objects

10. a magnet made of material that keeps its magnetism

11. the ends of a magnetic object, where the magnetic force is the strongest

12. a magnet made from a material that easily loses its magnetism

Down

1. a buildup of charges on an object
 4. a device with a magnetized needle that can spin freely

5. a coil of wire with a current that acts as a bar magnet

6. a soft metal core made into a magnet by the passage of electric current through a coil surrounding it

7. the difference in electrical potential energy between two places in a circuit

9. the force that pulls objects towards each other