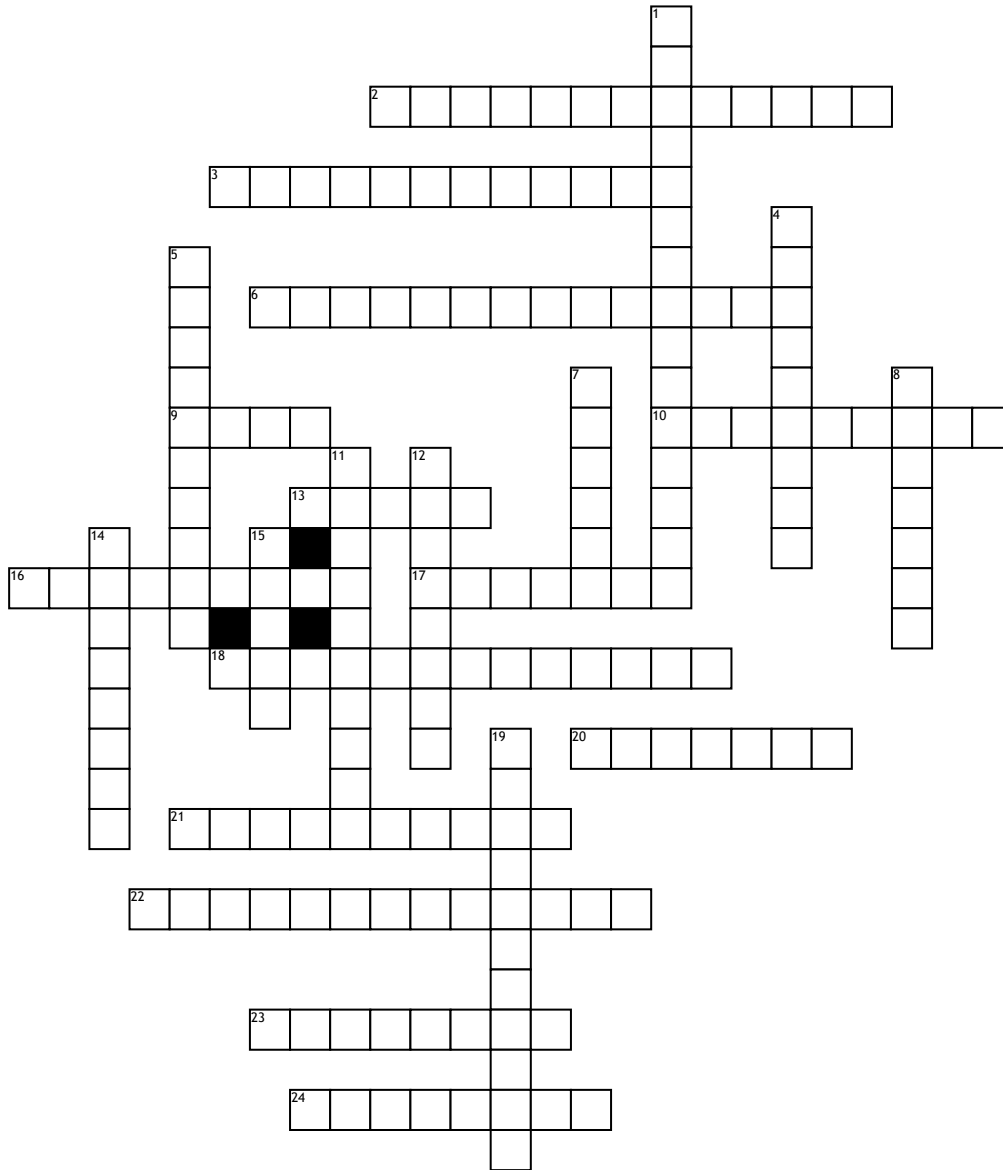


Name: _____

Date: _____

Magnetism



Across

2. A material that show strong magnetic effects.
 3. The area of a magnet where the magnetic force is strongest.
 6. A material with no electrical resistance.
 9. _____ poles repel.
 10. The attraction of a magnet for another object.
 13. The strength of an electromagnet depends on the number of _____ of wire.
 16. A stream of electrically charged particles flowing from the sun towards the Earth.
 17. A device with a magnetized needle that spins freely.

18. A strong magnet that can be turned on and off.
 20. The center of an atom.
 21. The opposition of movement of charges flowing through a material.
 22. The area of force around a magnet.
 23. _____ poles attract.
 24. A current-carrying coil of wire with many loops.

Down

1. In a magnetic material, all the _____ are lined up in the same way.
 4. A material that keeps its magnetism is called a _____ magnet.
 5. Does not allow electrons to flow through them.
 7. A glowing region caused by charged particles from the sun.

8. A complete path through which electrons flow.
 11. Allow electrons to pass through them.
 12. A _____ current produces a magnetic field.
 14. This part of an atom carries a negative charge.
 15. Magnets & Earth are similar in that they both have a magnetic _____.
 19. The angle of difference between the geographic and magnetic north.