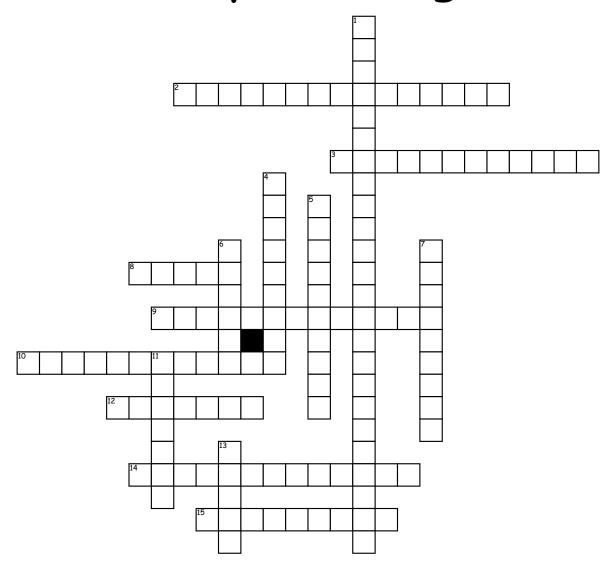
Name:	Date:
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Electricity and magnetism



Across

- 2. An object that can detect magnetic field
- 3. magnetic field direction
- 8. He invented the voltaic cells
- 9. A region around a magnet where magnetic effects occur
- 10. An object that can detect small amount of current

- 12. He discovered Electromagnetic Induction
- 14. Another name for magnetic materials
- 15. This happens when like poles of two magnets are near to one another

Down

- 1. This happens when voltage is induced due to a moving magnet through a coil or vice versa
- 4. Another name for wire

- 5. This happens when unlike poles of two magnets are near to one another
- 6. An object that attracts certain metals
- 7. an object with free electrons
- 11. He discovered that a current carrying wire produces magnetism
- 13. The part of a magnet where magnetic field is strongest