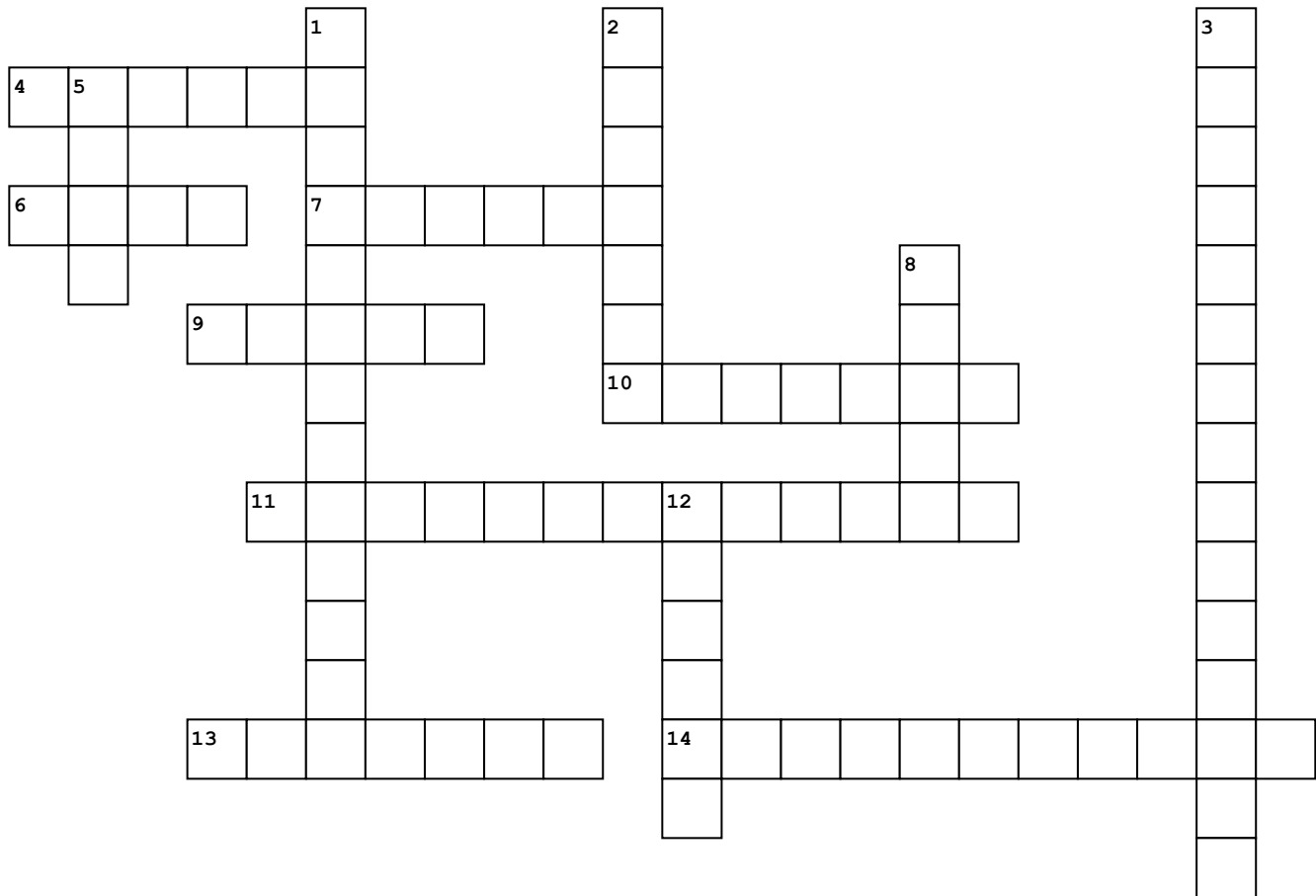


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Across

4. Hans Oersted never went here when he was young.
6. The more of this you put around the core the stronger the magnet.
7. The wire you use is made of this.
9. Electric current makes these hot.
10. This type of wire can conduct more current.
11. A flow of electric current produces this.
13. Alessandro Volta invented this.
14. You can make the magnet stronger by using more of this.

Down

1. A magnet that can be turned on and off.
2. Faraday discovered that magnetism could be used to make this.
3. This force is responsible for magnetism and electricity.
5. To make an electric field stronger put the wire in this shape.
8. If you wrap the wire around this you can make temporary magnet.
12. When electricity is flowing the circuit is this.