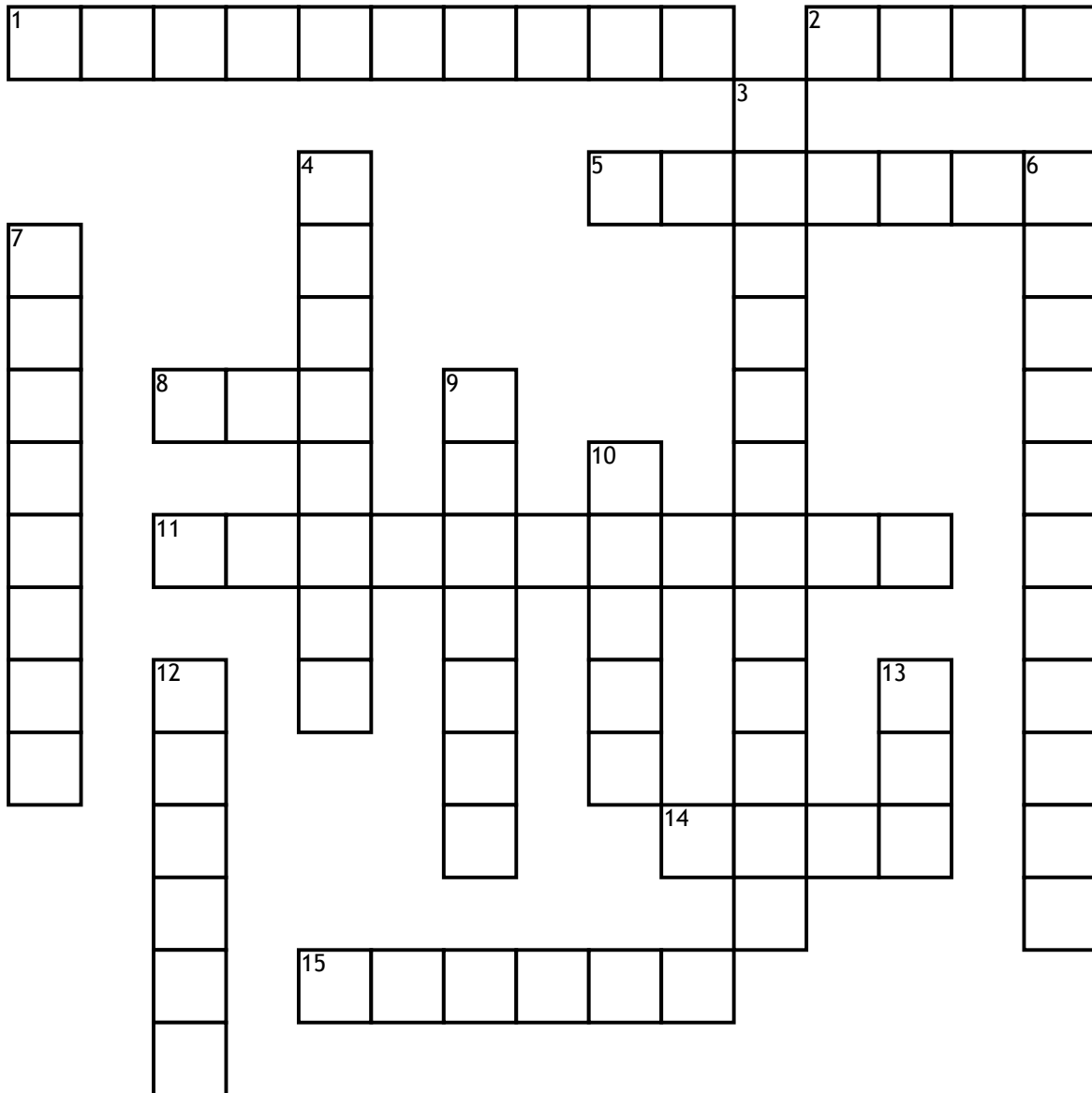


# Generate Some Brain Power



## Across

1. Material that prevents or slows the movement or transfer of heat.
2. Unit of electric power or amount of work done in a unit of time.
5. A system through which an electric current is intended to flow.
8. Unit for electrical resistance or impedance.
11. Type of electric current in which the direction of flow is reversed at frequent intervals.

14. A solid fossil fuel, burned to produce electricity.
15. Unit measuring the quantity of electricity.

## Down

3. \_\_\_\_\_ lines which transmit high-voltage electricity from the source of generation.
4. An instrument for measuring resistance in ohms.
6. Raise or lower the voltage as needed to serve the transmission or distribution circuits.

7. 1000 watts.

9. A type of sign meant to draw attention to a potential danger.
10. An underground structure or room in which houses transformers, circuit breakers, meters, and voltage regulators.
12. A circuit which carries a large block of power to a point in which the power is broken into smaller circuits.
13. A black liquid fossil fuel used to produce gasoline and most plastics.