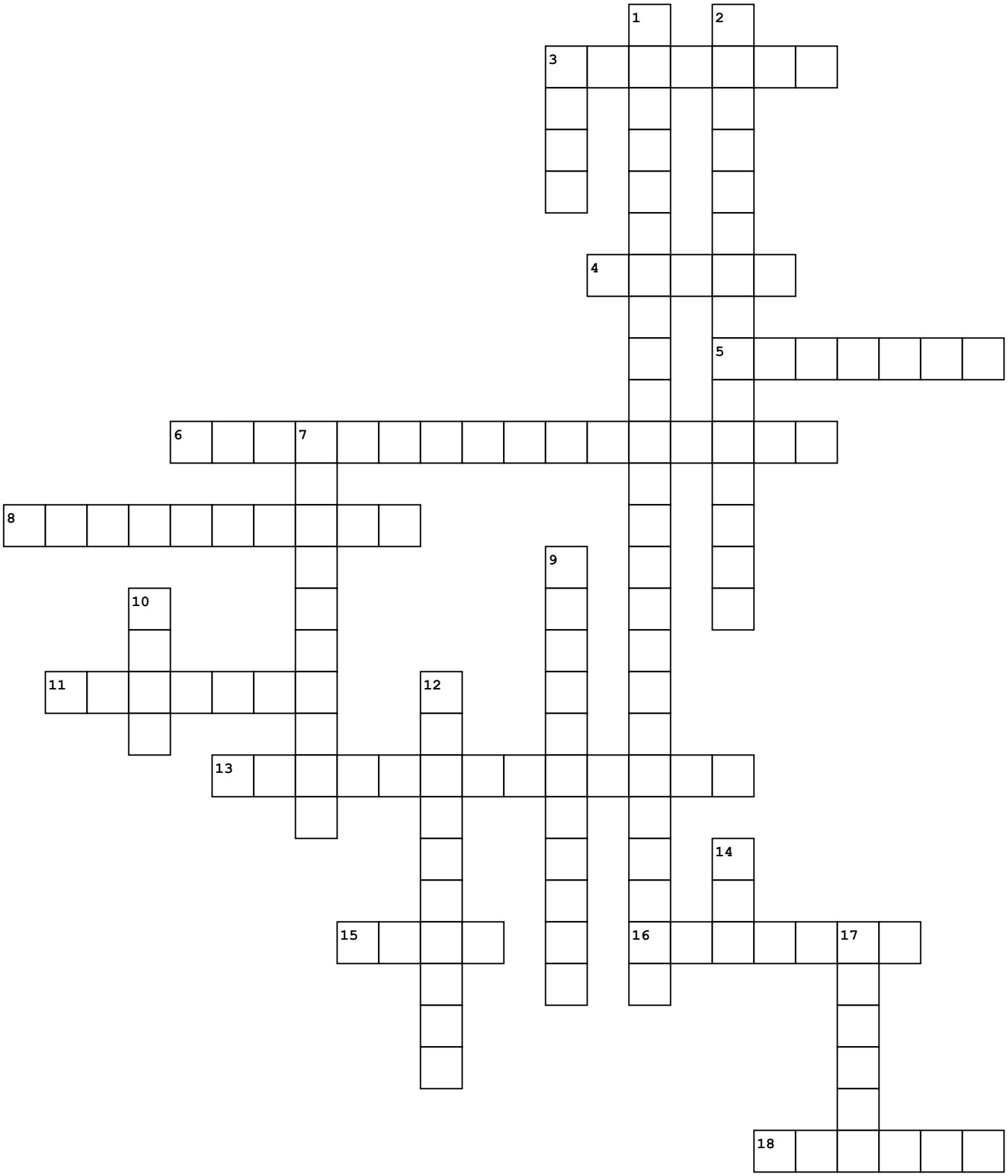
Electricity Words Crossword



Across

3. Electric potential difference, electric pressure or electric tension. It is the difference in electric potential energy between two points per unit electric charge.

4. The rate at which electrical energy is transferred by an electric circuit.

5. A complete and closed path around which a circulating electric current can flow.

6. The energy newly derived from electric potential energy or kinetic energy.

8. Defined as useful power output divided by the total electrical power consumed (a fractional expression), typically denoted by the Greek letter small Eta.

11. A flow of electric charge. In electric circuits this charge is often carried by moving electrons.

13. Connected along a single path, so the same current flows through all of the components.

15. Electrical component or portion of a circuit that consumes electric power.

16. States that the current through a conductor between two points is directly proportional to the potential difference across the two points.

18. Is a property of objects which can be transferred to other objects or converted into different forms.

Down

1. The production of electromotive force across a conductor exposed to time varying magnetic fields.

2. Components are connected so the same voltage is applied to each component.

3. Is the derived unit for electric potential.

7. A material or device that conducts or transmits heat, electricity, or sound.

9. Set of physical phenomena associated with the presence and flow of electric charge.

10. The transfer of energy from one object to another.

12. The degree to which a substance or device opposes the passage of an electric current.

14. The SI derived unit of electrical resistance.

17. The SI unit of electric current.