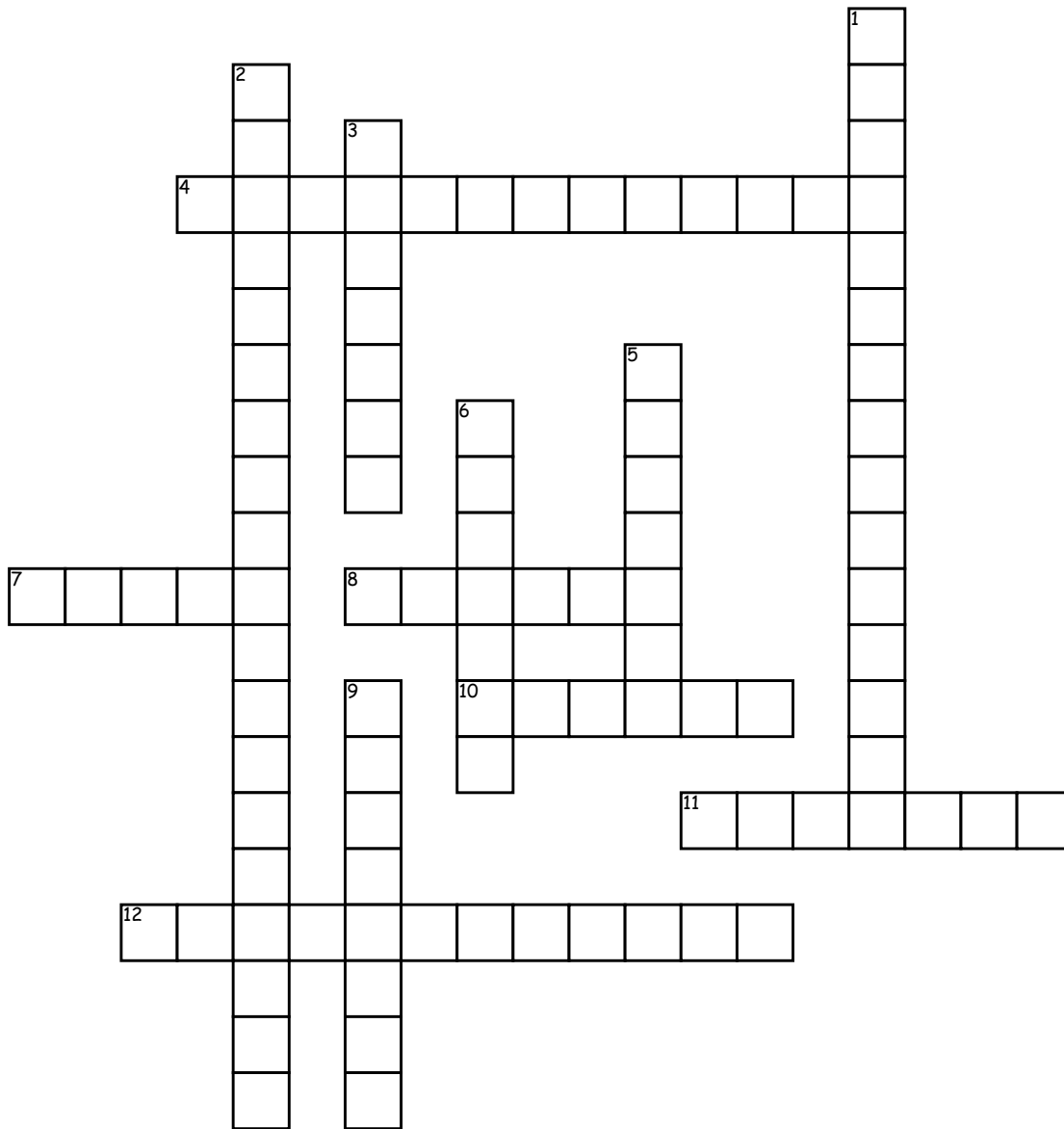


Electricity and Magnetism



Across

4. physical trait in which certain electrically uncharged materials strongly attract others; magnetism that is associated with iron, cobalt, nickel, and some compounds containing these elements. In contrast to other substances these magnetized easily.

7. an electrical device allowing current to move through it in one direction with far greater ease than in the other.

8. amp (A or I, for current), is the amount of current in a circuit,

10. A device which opens or closes electrical pathways in an electrical circuit.

11. A combination of two or more electrochemical cells in series.

12. emitting light as a result of being heated.

Down

1. The continuous flow of electric charge through a material.

2. A device that transforms chemical energy into electrical energy.

3. An electrochemical cell in which the electrolyte is a paste.

5. One of about 100 basic materials that make up all matter.

6. A device with a magnetized needle that can spin freely.

9. Allowing charges to flow directly from the circuit into Earth in the event of a short circuit.