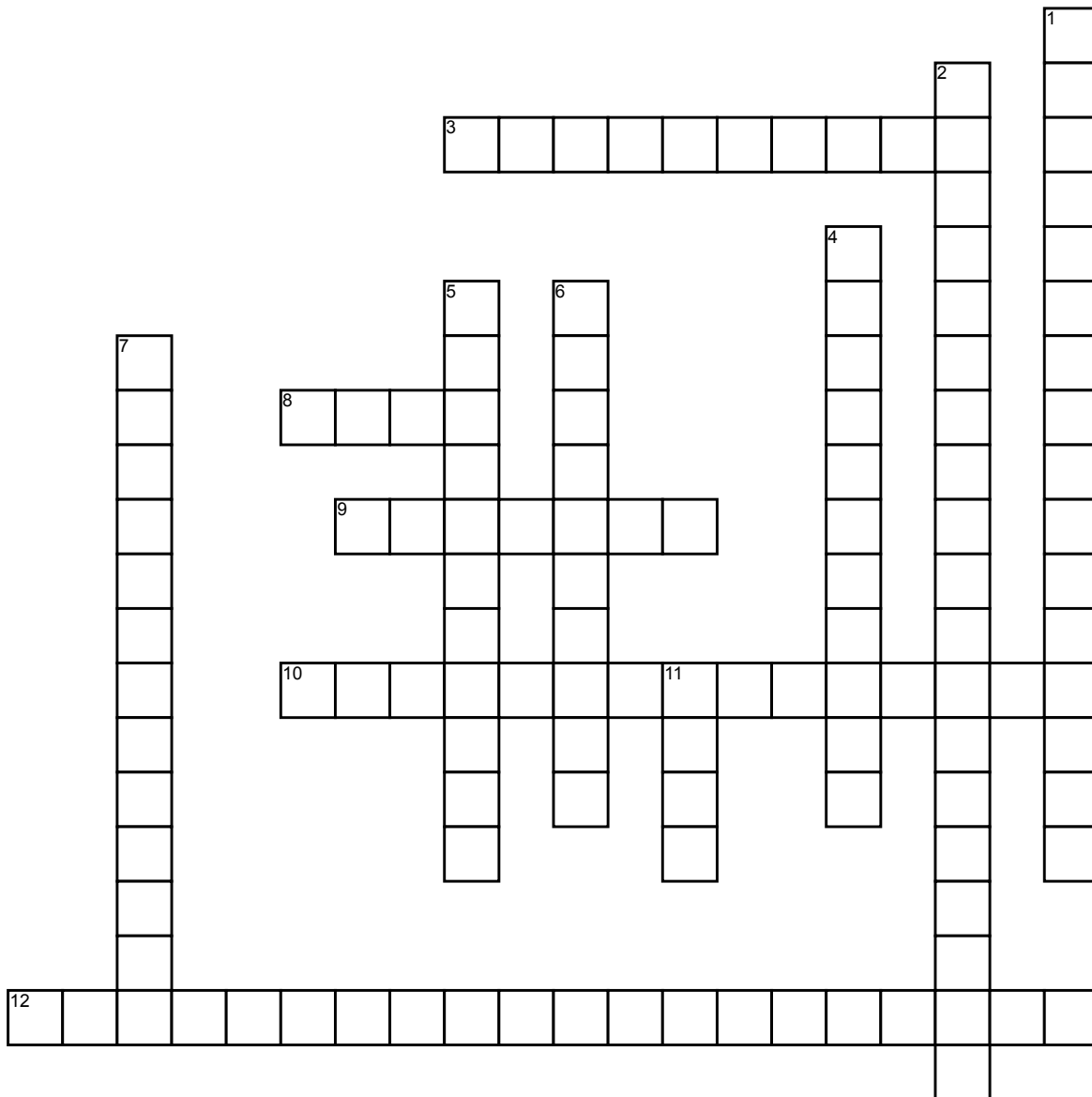


Name: _____

Date: _____

Electromagnetism



Across

- 3.** relating to or produced by the internal heat of the earth.
- 8.** metal drawn out into the form of a thin flexible thread or rod.
- 9.** a container consisting of one or more cells, in which chemical energy is converted into electricity and used as a source of power.
- 10.** flow of electric charge. In electric circuits this charge is often carried by moving electrons in a wire.
- 12.** a field of force that consists of both electric and magnetic components, resulting from the motion of an electric charge and containing a definite amount of electromagnetic energy.

Down

- 1.** the interaction of electric currents or fields and magnetic fields.
- 2.** sources that are defined as the resources for electric power.
- 4.** radiant energy emitted by the sun.
- 5.** a form of energy resulting from the existence of charged particles (such as electrons or protons), either statically as an accumulation of charge or dynamically as a current.
- 6.** energy that is a form of solar energy. it describes the process by which wind is used to generate electricity.

- 7.** A rule that uses the shape the right hand to established the standard orientation of vector quantities normal to a plane, especially when calculating a vector product or the helicity of particle spin.
- 11.** a combustible black or dark brown rock consisting mainly of carbonized plant matter, found mainly in underground deposits and widely used as fuel.