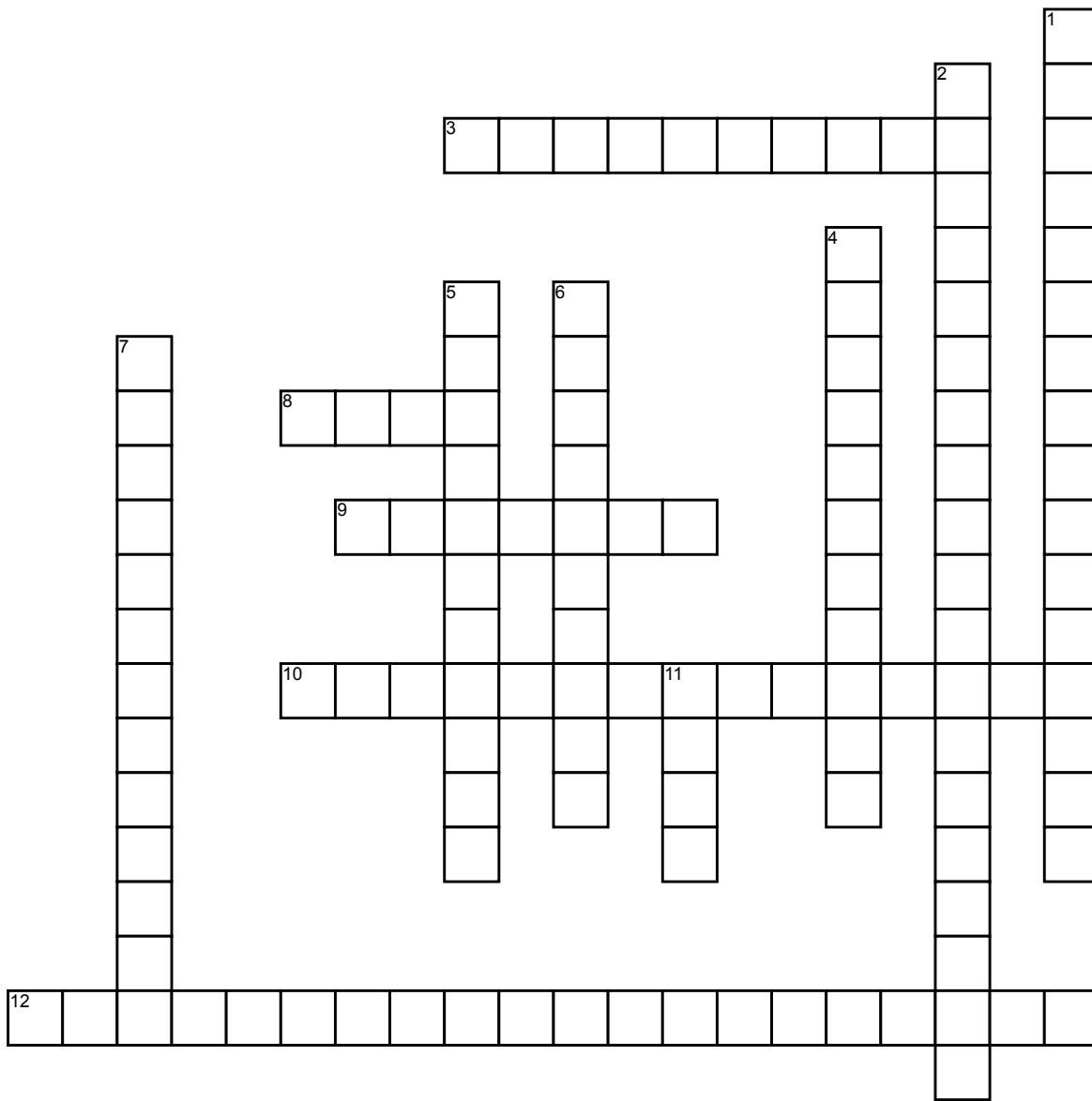


Electromagnetism



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.