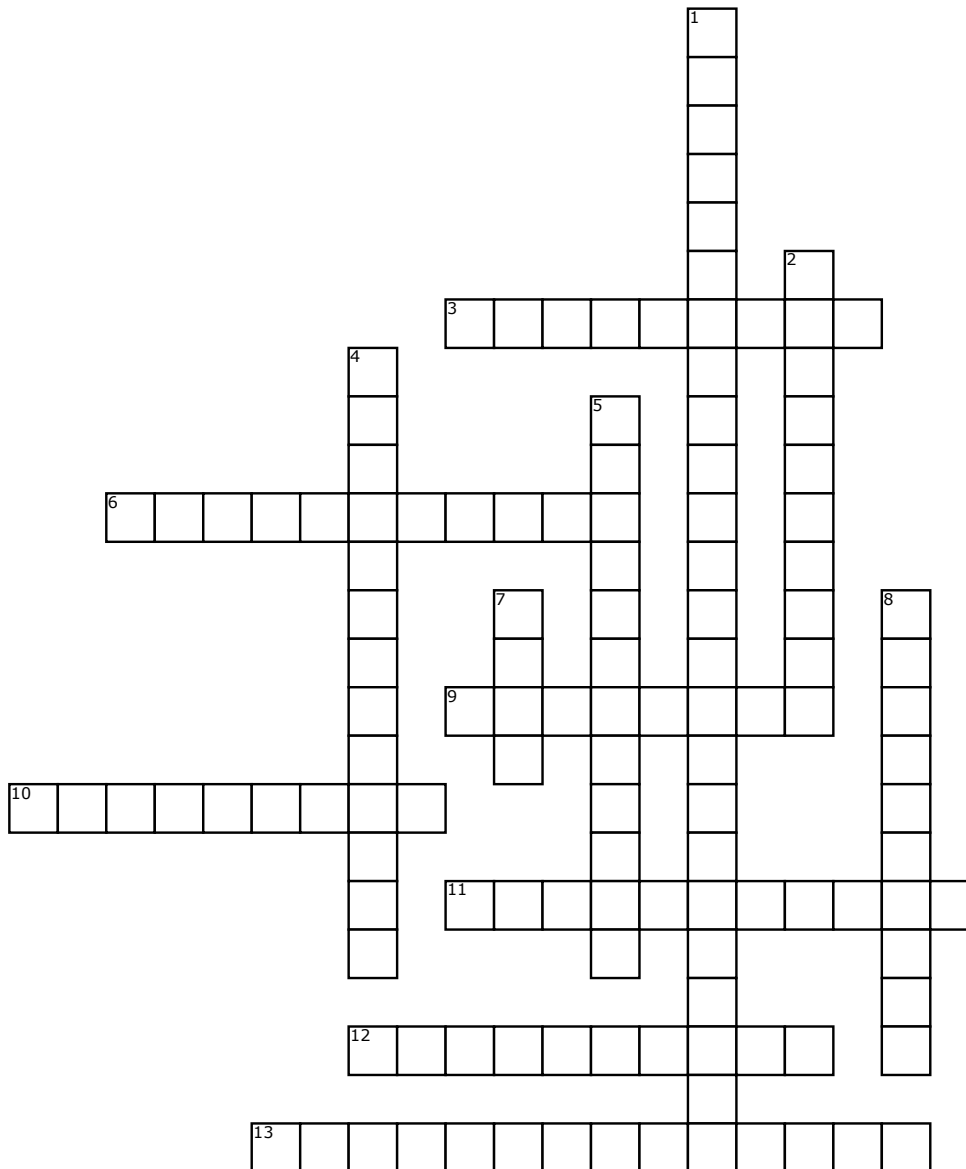


Thermal Energy



Across

3. A material that is a poor conductor (as of electricity or heat)

6. Degree of hotness or coldness measured on a definite scale

9. The action or process of radiating

10. A device that absorbs thermal energy and moves it outside the object

11. Radiant energy emitted by the sun

12. The act of conducting or conveying

13. Any of various devices for the absorption of solar radiation for the heating of water or buildings or the production of electricity

Down

1. Is a heat engine where the combustion of a fuel occurs with an oxidizer (usually air) in a combustion chamber that is an integral part of the working fluid flow circuit

2. The action or process of conveying

4. Energy in the form of heat

5. The heat in calories required to raise the temperature of one gram of a substance one degree Celsius

7. To become warm or hot

8. A mechanism (such as an internal combustion engine) for converting heat energy into mechanical or electrical energy