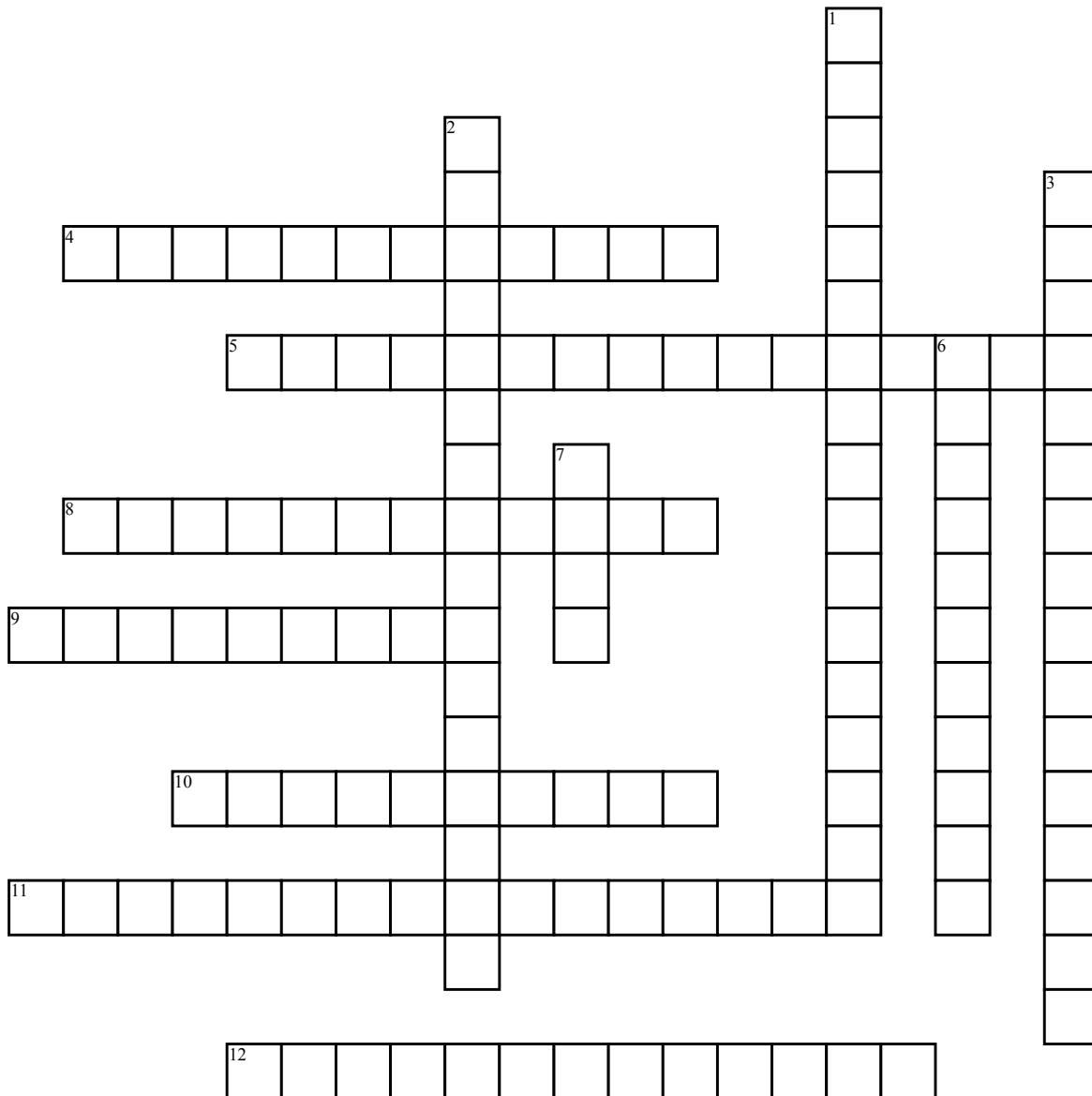


Thermal Energy Vocabulary



Across

- 4.** The temperature in which molecular energy is at a minimum: 0 kelvins or -273.16°C
5. A material that reduces or even prevents the transfer of energy
8. The quantity of heat required to raise a unit mass of homogenous material 1k or 1°C in a specified way given constant pressure and volume
9. The transfer of energy as electromagnetic waves

- 10.** The transfer of thermal energy by the circular movement of a liquid or gas
11. The degradation of water quality by any process that changes ambient water temperature
12. The kinetic energy of a substance's atoms

Down

- 1.** The transfer of energy as heat through a material
2. A material through which energy can be transferred

- 3.** An increase in the size of a substance due to a increase in temperature
6. A measure of an object's average kinetic energy inside of the particles of the object
7. The energy transferred between objects at different temperatures