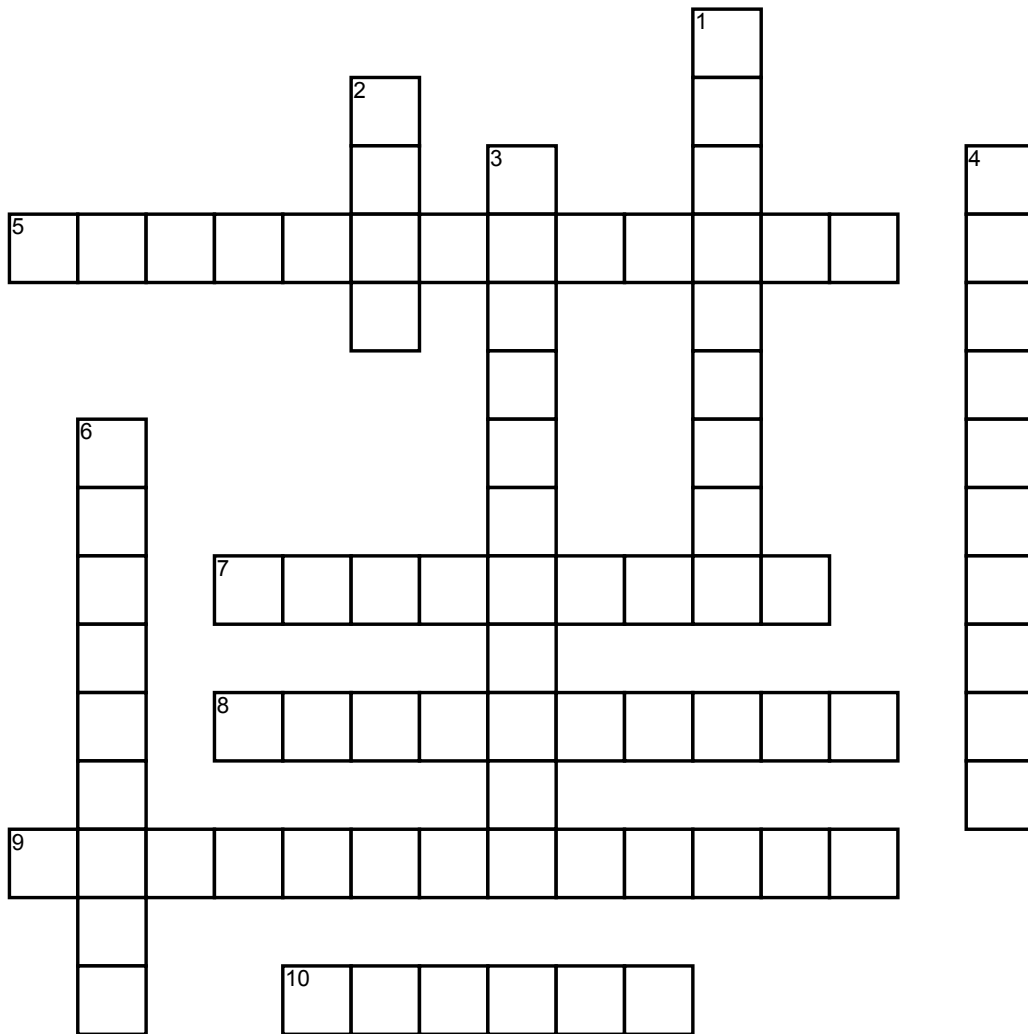


# Heat transfer



## Across

5. Matter present in potential energy
7. Factors that can change, are observable and measurable
8. Transfer of heat between solid objects that are in direct physical contact with each other
9. Energy that an object has when moving
10. Space in which there is no matter

## Down

1. An example of heat transfer by radiation
2. Energy transferred from a place or an object with higher temperature to a place or an object with lower temperature
3. It rises because of the fast movement of particles when a substance is heated up.
4. Substances that transfer heat easily
6. Energy stored in an object or system

## Word Bank

Conductors  
Microwave  
Potential

Temperature  
Heat  
Vacuum

Thermal energy  
Variables

Kinetic energy  
Conduction