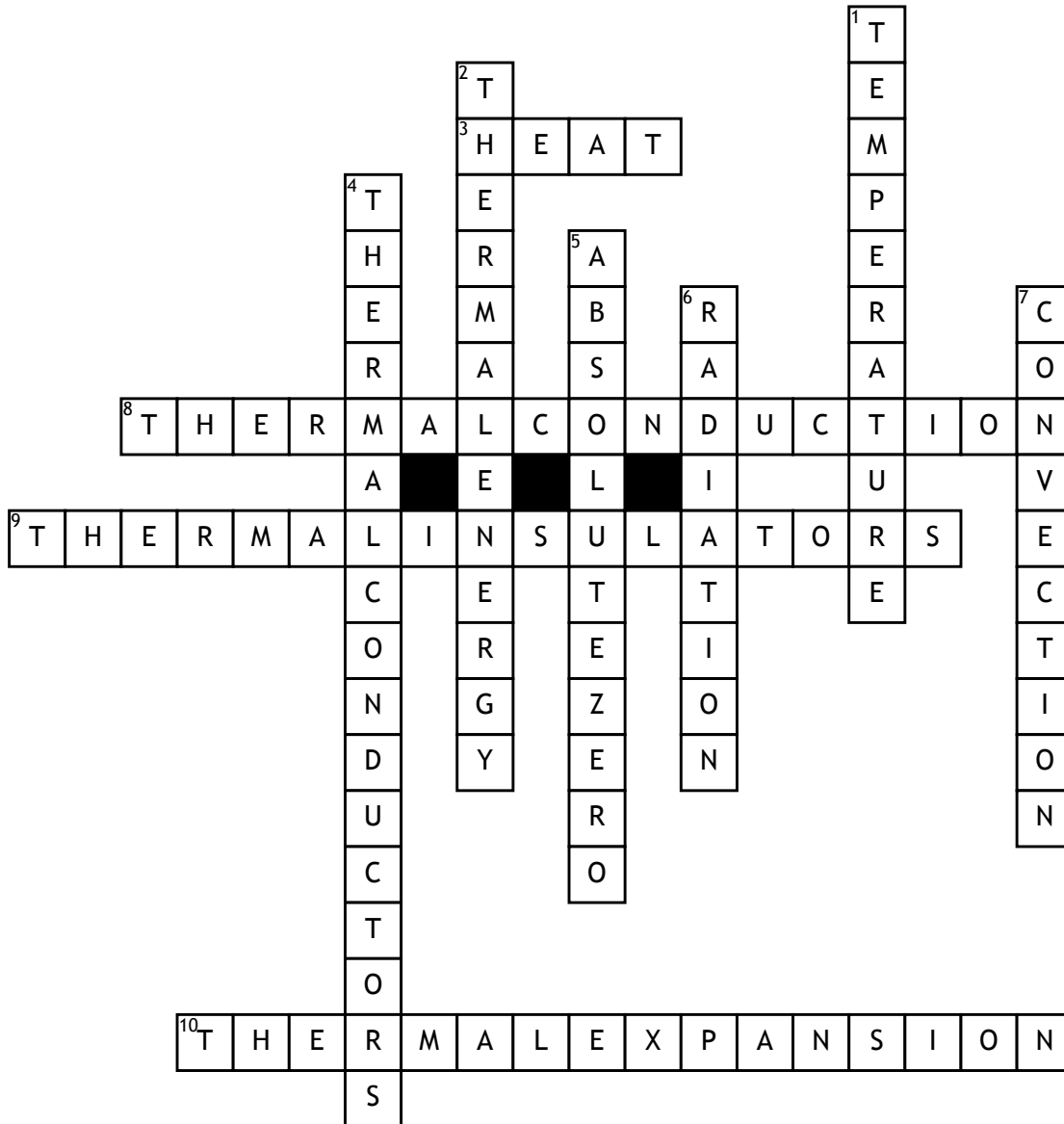


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Thermal Energy Notes



## Across

3. The energy that flows from something at a higher temperature to something at a lower temperature
8. Transfer of thermal energy when two objects touch each other
9. Substances that do not transfer thermal energy easily
10. An increase in the volume of a substance when the temp of the substance increases

## Down

1. A measure of the average kinetic energy of all the particles of an object
2. Sum of the kinetic and potential energy of the particles in an object
4. Substances that transfer thermal energy easily
5. At the physically impossible-to-reach temperature of zero kelvin, or minus 459.67 degrees Fahrenheit
6. Transfer of thermal energy by electromagnetic waves
7. Transfer of thermal energy by the movement of liquid or gas