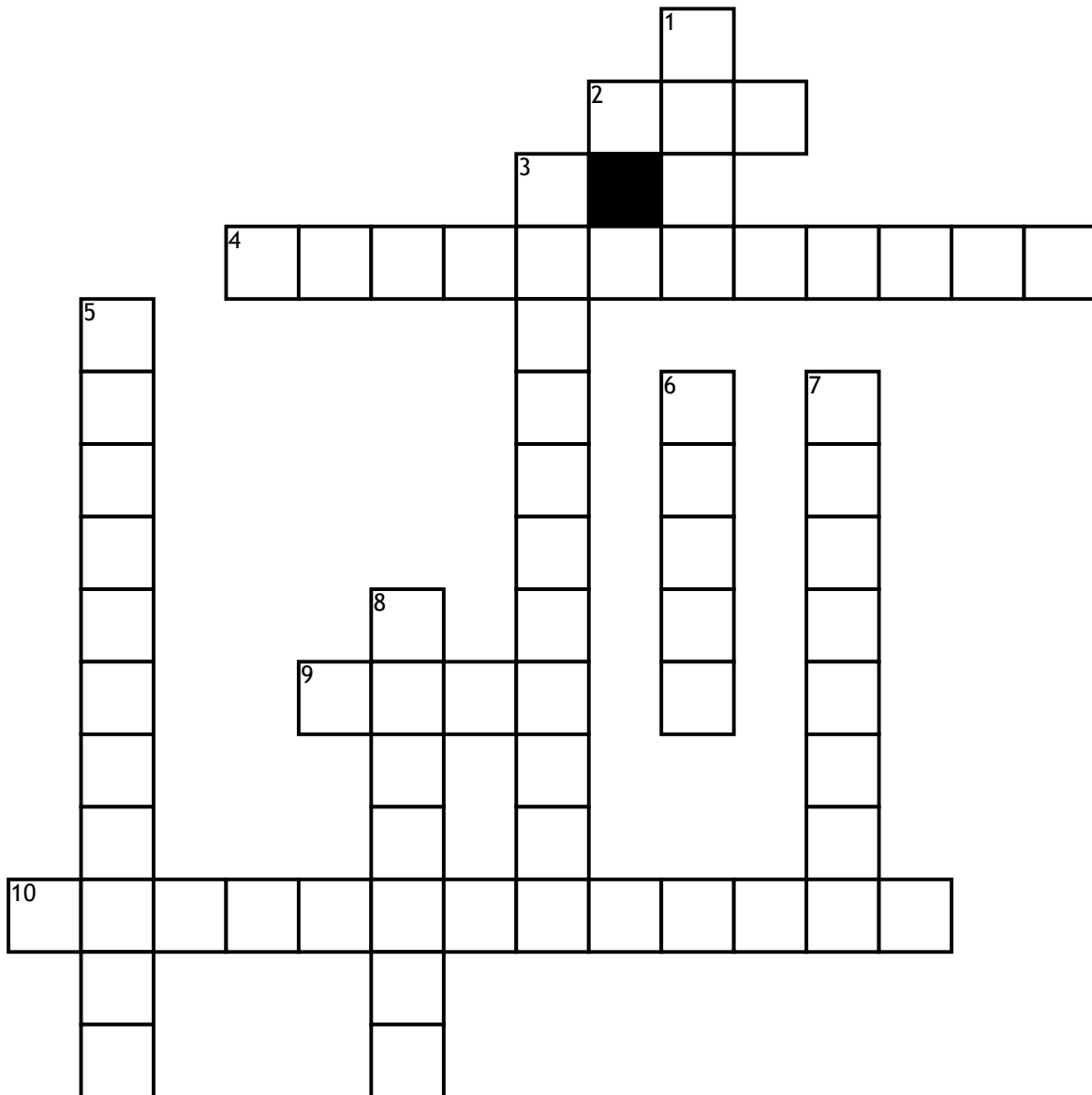


Name: \_\_\_\_\_

# Thermal Energy



**Across**

2. A state of matter with no definite shape or volume

4. The change of state from gas to a liquid

9. The energy transferred between objects that are at different temperatures

10. The energy an object has due to its motion

**Down**

1. A measure of the amount of matter in an object

3. A measure of how hot or cold something is

5. The change of state from a liquid to a gas

6. A form of matter that has a definite shape and volume

7. The change of state from a liquid to a solid

8. The change in state from a solid to a liquid