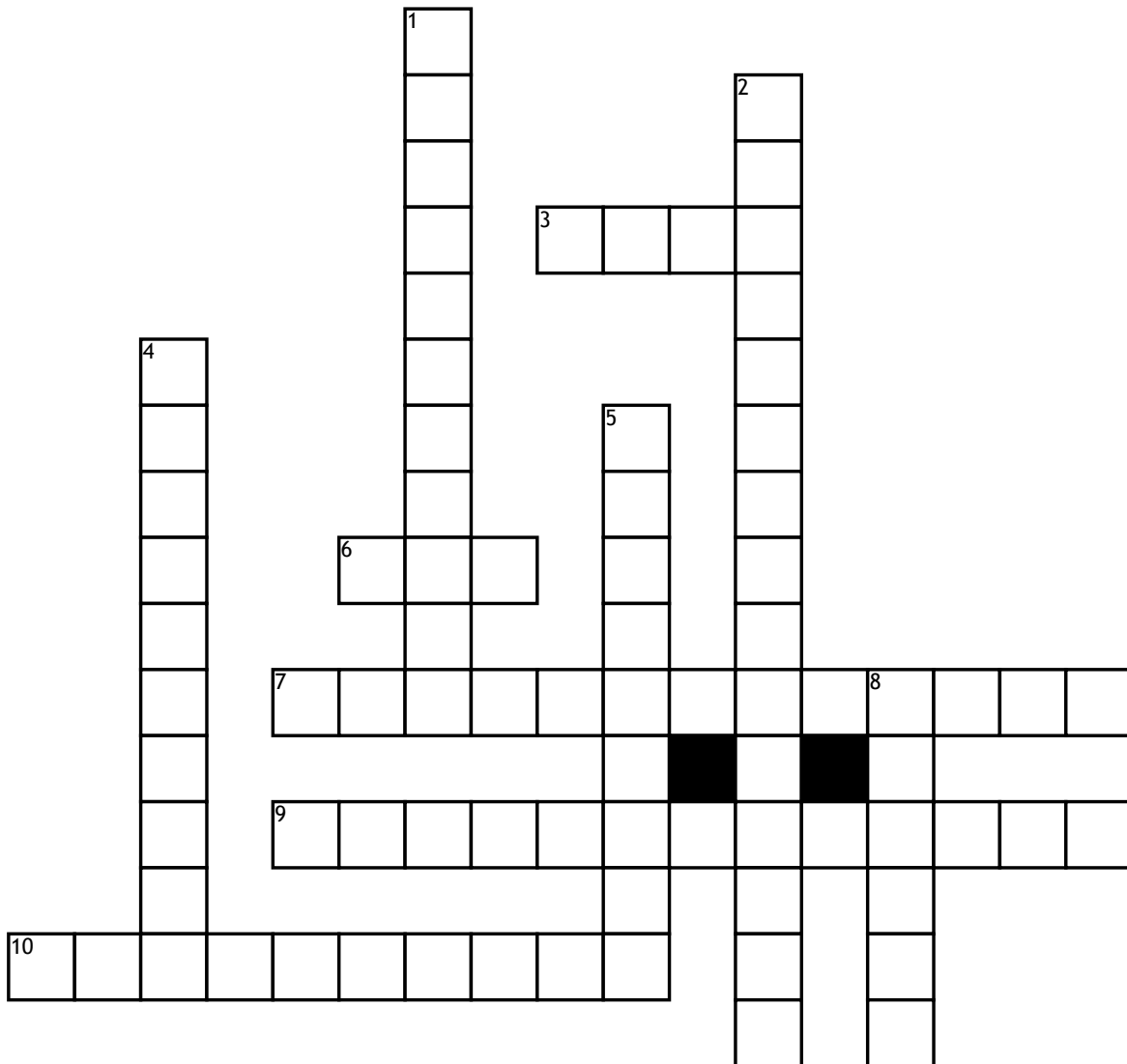


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Energy



## Across

3. Flows from an area with a higher temperature to an area with a lower temperature
6. The \_\_\_\_\_ and other stars change nuclear energy into radiant energy.
7. The \_\_\_\_\_ of a substance depends on the temperature, and how much of the substance is present
9. A rock rolling down a hill has this
10. Heat is transferred through solids and liquids by \_\_\_\_\_

## Down

1. When the motion of all the particles that make up a substance changes, the \_\_\_\_\_ changes as well
2. A rock at the edge of a cliff has this
4. Heat is transferred in fluids (both liquid and gases) by \_\_\_\_\_.
5. \_\_\_\_\_ is responsible for the warmth you feel from a fire
8. Potential and Kinetic are examples of this