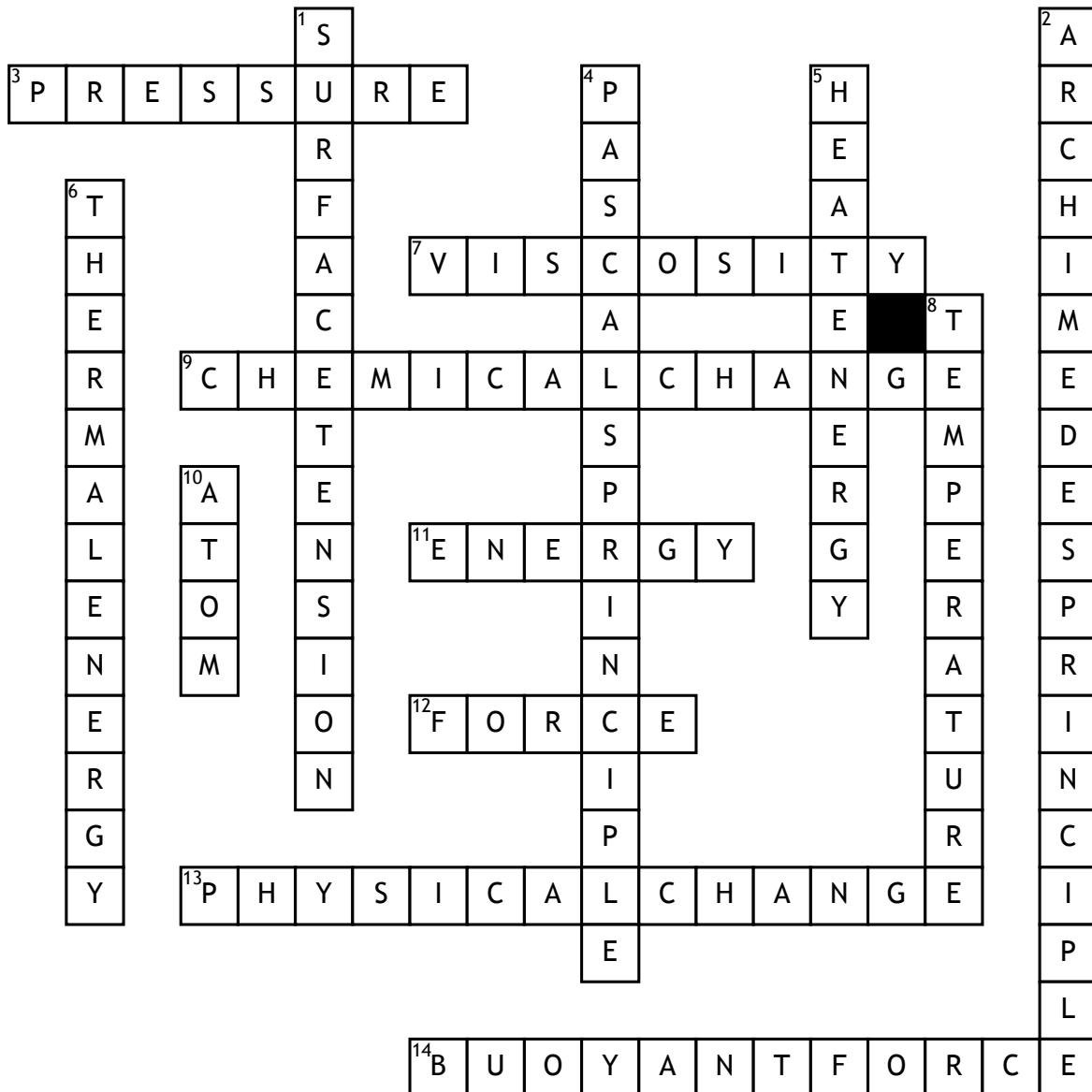


Name: \_\_\_\_\_

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

# MADELINE BLATZ



## Across

3. A force exerted on a surface divided by the total area over which the force is exerted
7. A liquid's resistance to flow
9. Is any CHANGE that results in the formation of new CHEMICAL substances.
11. The ability to cause change
12. A push or pull
13. Are CHANGES affecting the form of a chemical substance, but not its chemical composition
14. Upward force exerted on an object immersed in a fluid

## Down

1. The uneven forces acting on the particles on the surface of a liquid
2. States that the buoyant force on an object is equal to the weight fluid displaced by the object
4. States that when a force is applied to a confined fluid, an increase in pressure is transmitted equally to all parts of the fluid

5. Movement of thermal energy from a substance at a temperature to a substance at a lower temperature
6. The SUM of the kinetic and potential energy of the particles in a materials
8. Measure of the AVERAGE kinetic energy of the individual particles of a substance
10. A small particle that makes up most types of matter