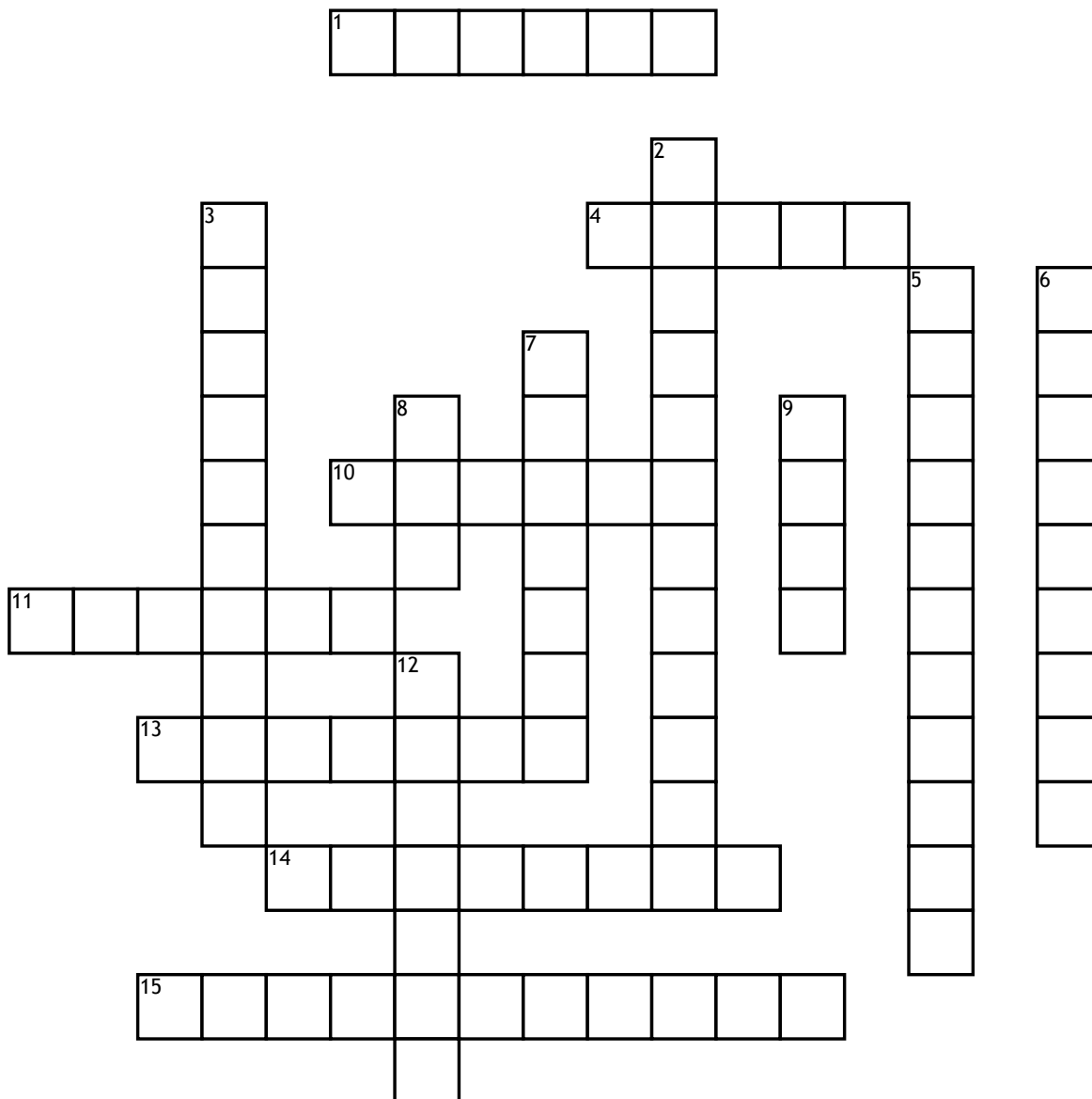


Name: _____ Date: _____ Period: _____

Phase Changes/States Of Matter



Across

1. The hotter the substance the _____ the particles are moving.

4. particles only vibrate

10. kinetic energy is the energy of

11. Most substances _____ when heated.

13. Solid to a liquid

14. liquid to solid

15. Solid to gas

Down

2. gas to liquid

3. Clouds form when water

5. when you add thermal energy to a substance, the substance will

6. When you add thermal energy to particles the particles motion

7. liquid to gas

8. Energy transfers from high temperature to

9. thermal energy is the same as

12. Energy of motion is _____ energy