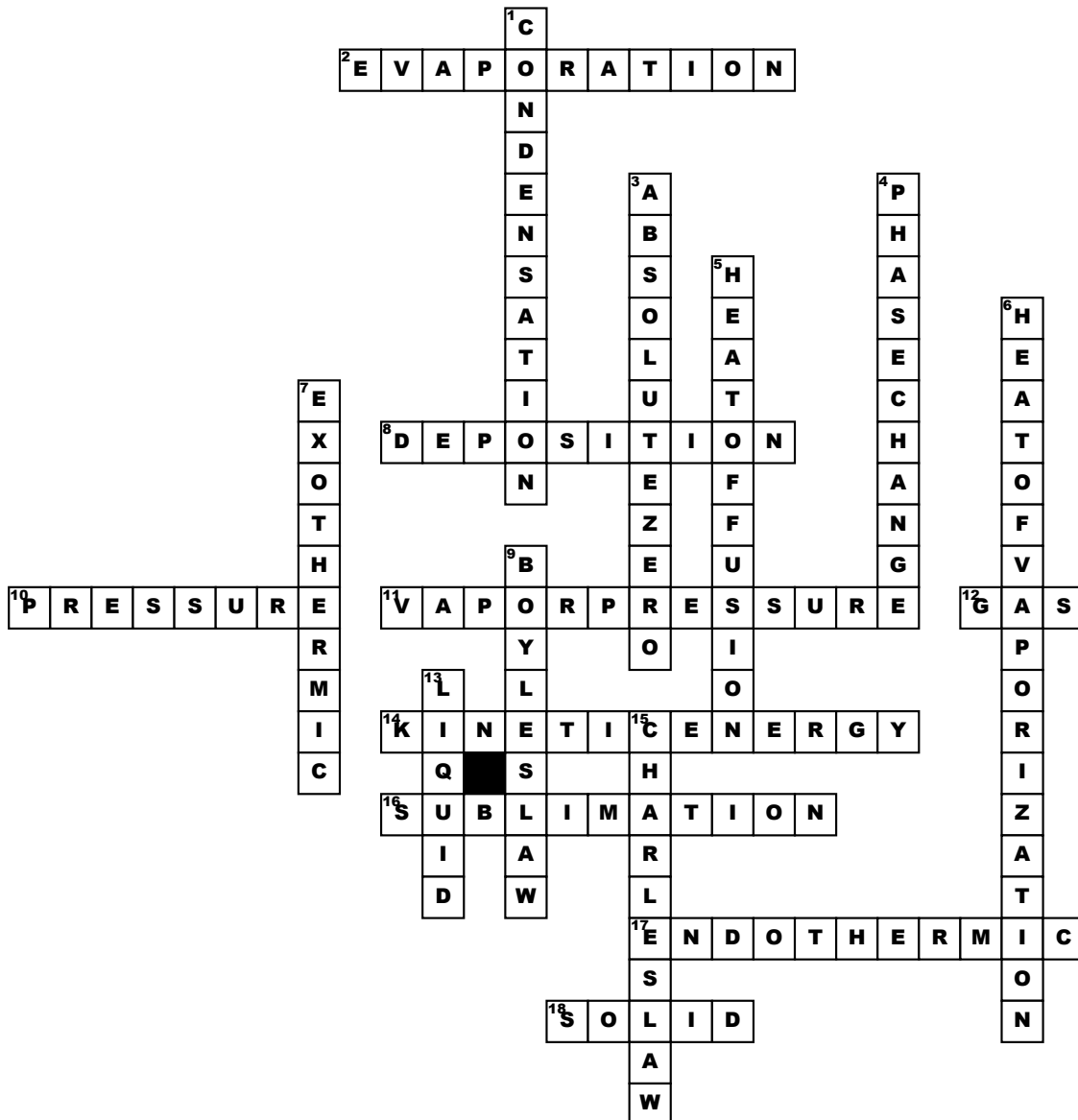


Name: _____

Date: _____

Science Chapter 3 Vocabulary



Across

2. The process that changes a substance from a liquid to a gas at the temperatures below the substance's boiling point

8. the phase change in which a gas/vapor changes directly into a solid without first changing into a liquid

10. the result of a force distributed over an area

11. the pressure caused by the collisions of particles in a vapor with the walls of a container

12. the state of matter in which a material has neither a definite shape nor a definite volume

14. the energy an object has due to its motion

16. the phase change in which a substance changes from a solid to a gas/vapor without changing to a liquid first

17. a description of a change in which a system absorbs energy from its surroundings

18. a material has both a definite shape and a definite volume

Down

1. the phase change in which a substance changes from a gas/vapor to a liquid

3. a temperature at 0 Kelvins

4. a reversible physical change that occurs when a substance changes from one state of matter to another

5. the energy a substance must absorb in order to change from a solid to a liquid

6. the energy a substance must absorb in order to change from a liquid to gas

7. a change in which a system releases energy to its surroundings

9. the inverse variation of the volume of a gas with its pressure if the temperature and the number of particles are constant

13. material has a definite volume but not a definite shape

15. the direct proportion of the volume of a gas to its temperature if the pressure and the number of particles of the gas are constant