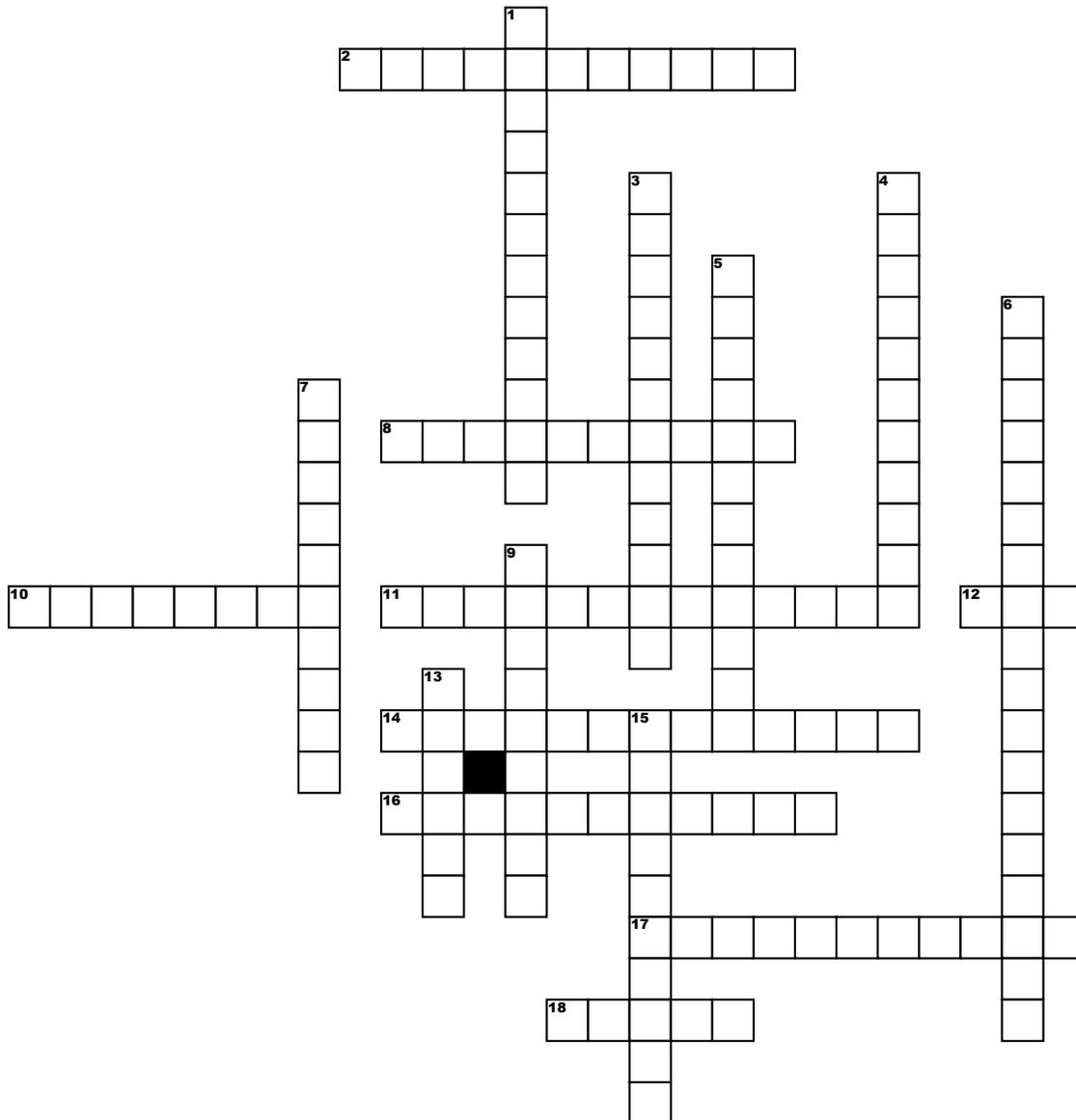


Science Chapter 3 Vocabulary



Across

- 2.** The process that changes a substance from a liquid to a gas at the temperatures below the substances 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 a 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 numbers of particles are constant

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

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