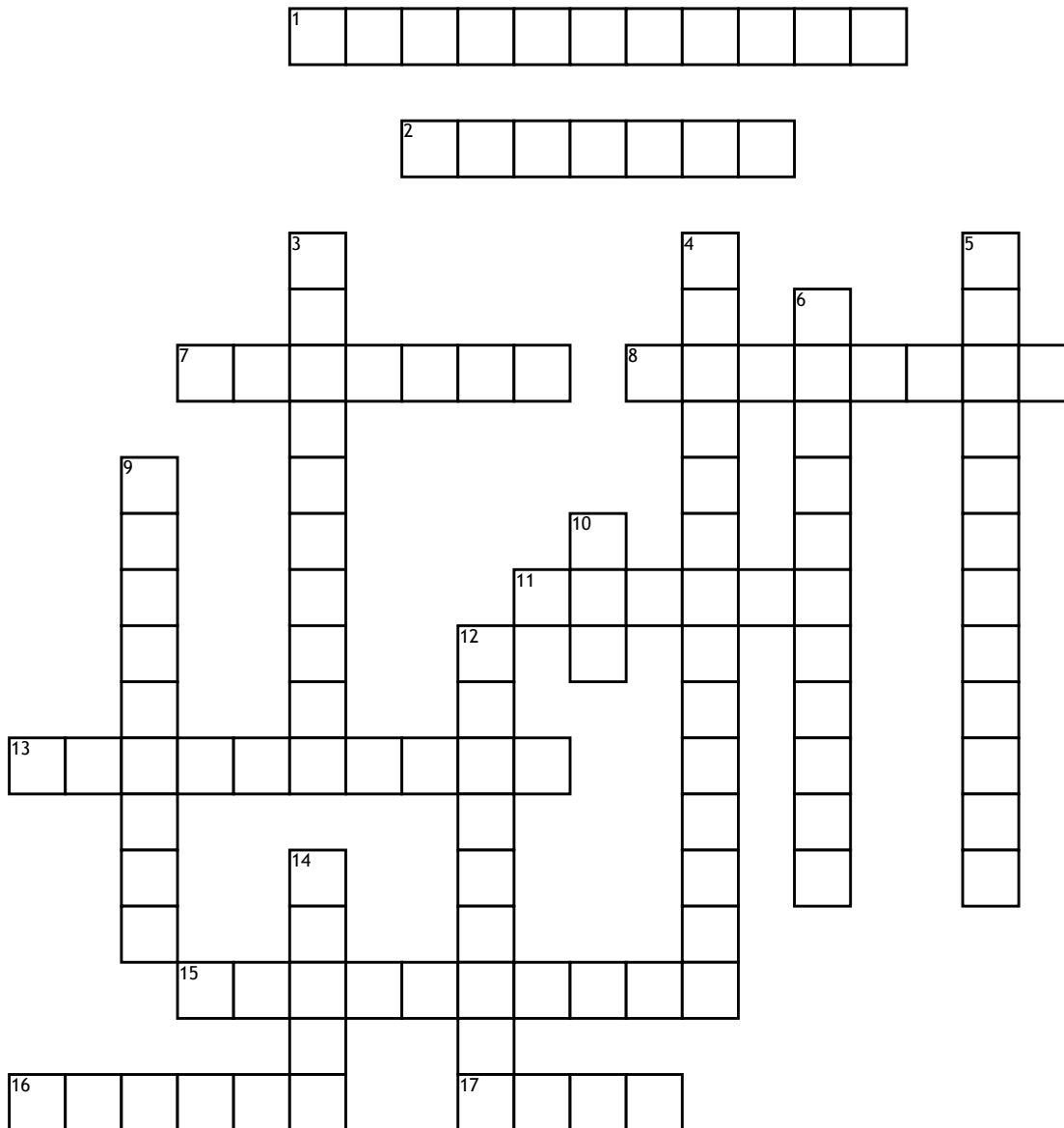


States of Matter



Across

- 1. the change of state from a liquid to a gas due to the addition of heat energy
- 2. a combination of two or more substances that are put together
- 7. the change of state from a solid to a liquid due to the addition of heat energy
- 8. the change of state from a liquid to a solid due to the removal of heat energy
- 11. anything that takes up space and has mass

- 13. a form of energy that is transferred by a difference in temperature
 - 15. the ability of one substance to dissolve in another substance
 - 16. matter that has definite volume, but not definite shape
 - 17. the amount of matter in an object
- Down**
- 3. separating solids from liquids
 - 4. a process used to separate the components of a mixture by moving the mixture along a stationary material

- 5. the change of state from a gas to a liquid due to the removal of heat energy
- 6. measuring how hot or cold something is
- 9. matter which has a specific composition and specific properties
- 10. matter that does not have a definite shape or volume
- 12. a force of attraction for some metals, such as iron
- 14. matter that has a definite volume and shape