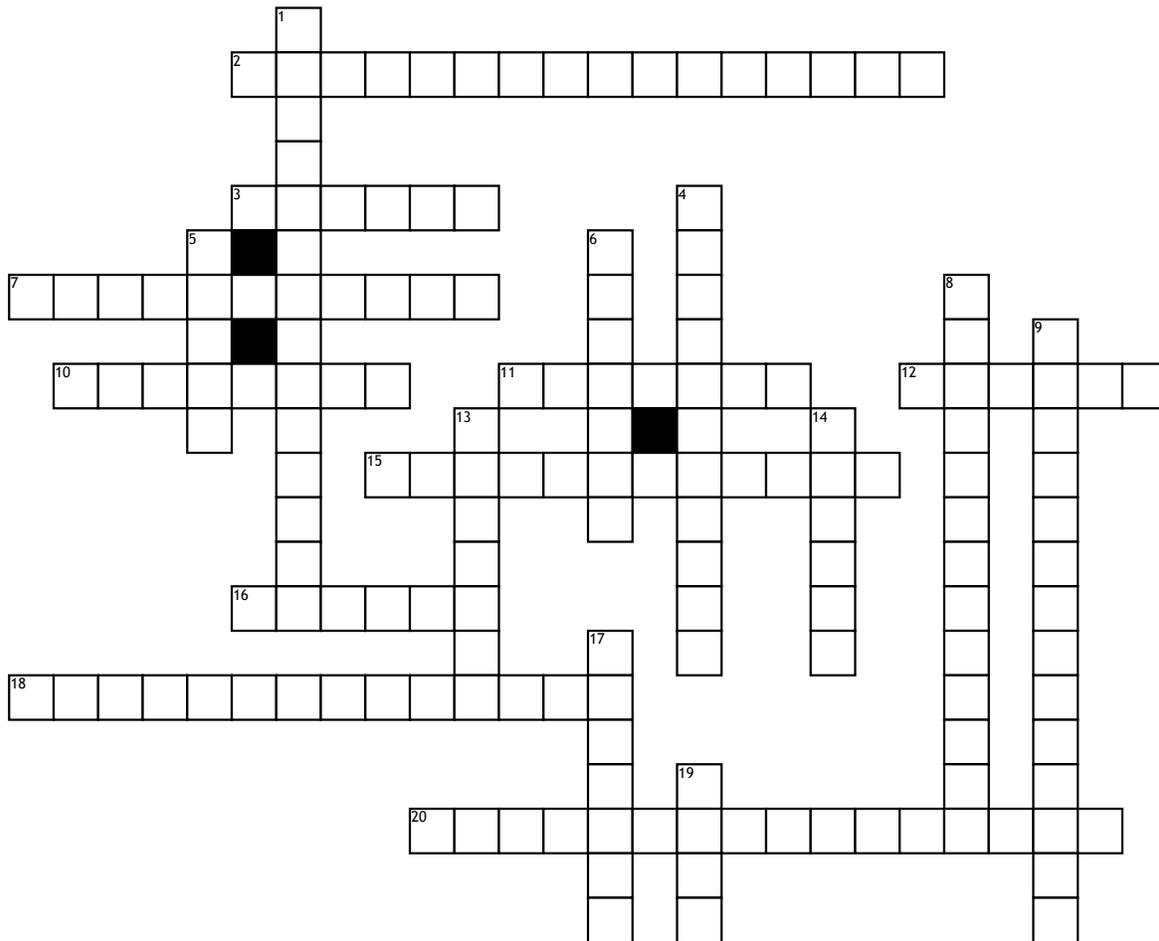


Matter Review



Across

2. a property of matter that describes a substance's ability to participate in chemical reactions
 3. the state of matter that has a definite volume but not a definite shape
 7. the change of a substance from a liquid to a gas
 10. the curve at a liquid's surface by which one measures the volume of the liquid
 11. the change of state in which a solid becomes a liquid by adding energy
 12. anything that has mass and takes up space.
 15. the change of state from a gas to a liquid

16. a measure of the gravitational force exerted on an object; its value can change with the location of the object in the universe
 18. a change that occurs when one or more substances change into entirely new substances with different properties
 20. a characteristic of a substance that does not involve a chemical change, such as density, color, or hardness

Down

1. a change of matter from one form to another without a change in chemical properties
 4. the process in which a solid changes directly into a gas
 5. the state of matter in which the volume and shape of a substance are fixed

6. the conversion of a liquid to a vapor when the vapor pressure of the liquid equals the atmospheric pressure
 8. the change of a substance from one physical state to another
 9. the physical forms of matter, which include solid, liquid, and gas
 13. the tendency of an object to resist being moved or, if the object is moving, to resist a change in speed or direction until an outside force acts on the object
 14. a measure of the size of a body or region in three-dimensional space
 17. the ratio of the mass of a substance to the volume of the substance
 19. a measure of the amount of matter in an object