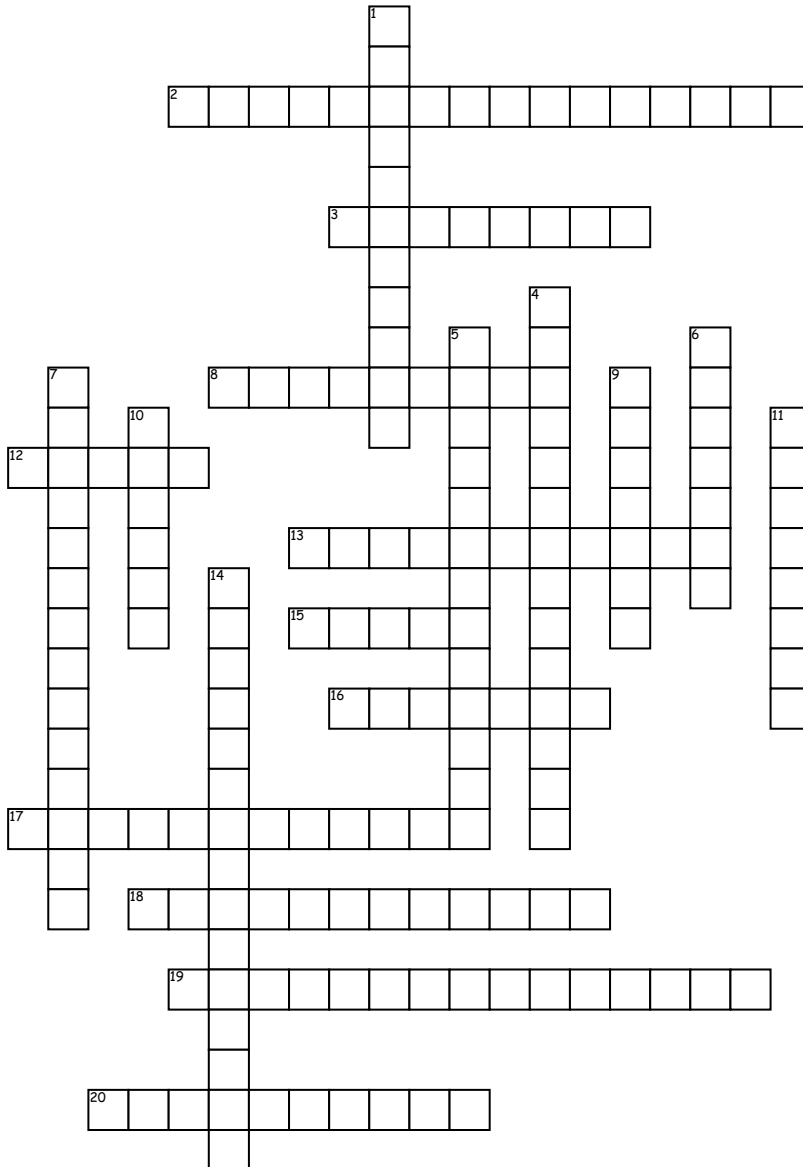


# Properties of Matter



**Across**

- 2. Type of solid made of a regular repeating pattern
- 3. Characteristic or trait of a substance
- 8. The resistance of a liquid to flow
- 12. Phase of matter with a definite shape and definite volume
- 13. Change of a solid directly to a gas
- 15. Another word for state of matter such as solid, liquid, gas, and plasma

- 16. Mass, volume, density and weight are all this type of property
- 17. Ability of a substance to burn
- 18. Phase change from a liquid to a gas.
- 19. Stored energy
- 20. Direct relationship between temperature and volume of a gas

**Down**

- 1. Vaporization at the surface of the liquid.
- 4. Change in which no new substance is formed
- 5. Energy of motion

- 6. Vaporization of a liquid throughout the liquid
- 7. Solid that changes shape under certain conditions.
- 9. Phase change of a solid to a liquid
- 10. Substance with no definite shape but has a definite volume
- 11. Color, Shape, texture, hardness, phase are all this type of property
- 14. Property that describes how a substance changes into a new substance