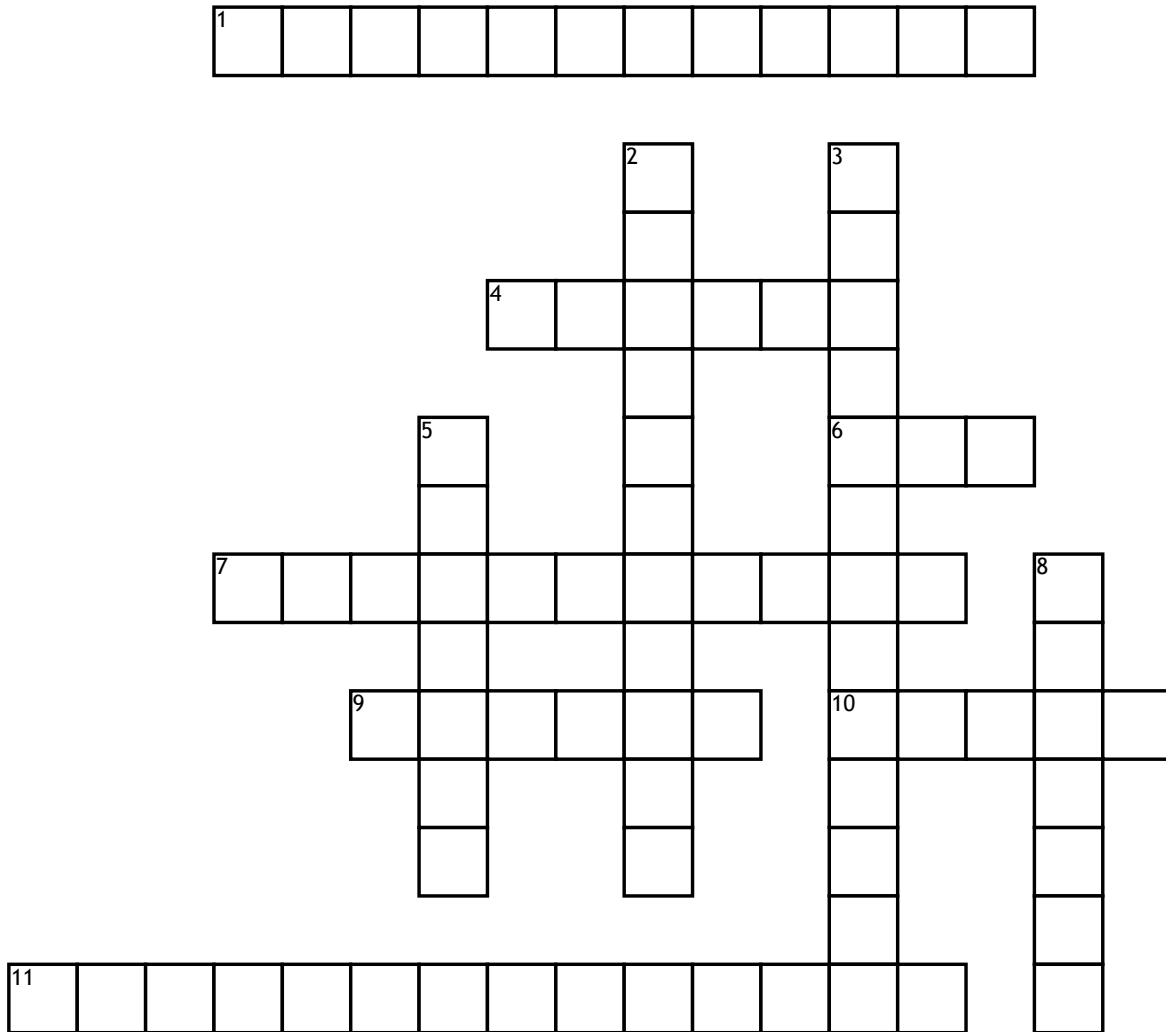


# States of Matter



**Across**

- 1. A gas to a liquid
- 4. Starts as a gas and then becomes ionized
- 6. Does not have a definite volume or shape
- 7. The process of a solid changing directly into a gas
- 9. Has a definite volume but not a definite shape
- 10. The volume and shape of a substance are fixed

- 11. The physical forms of matter, including solid, liquid, and gas

**Down**

- 2. A liquid to a gas
- 3. The change of a substance from one physical state to another
- 5. A solid becomes a liquid by adding heat
- 8. A liquid to a vapor when the vapor pressure of a liquid equals the atmospheric pressure