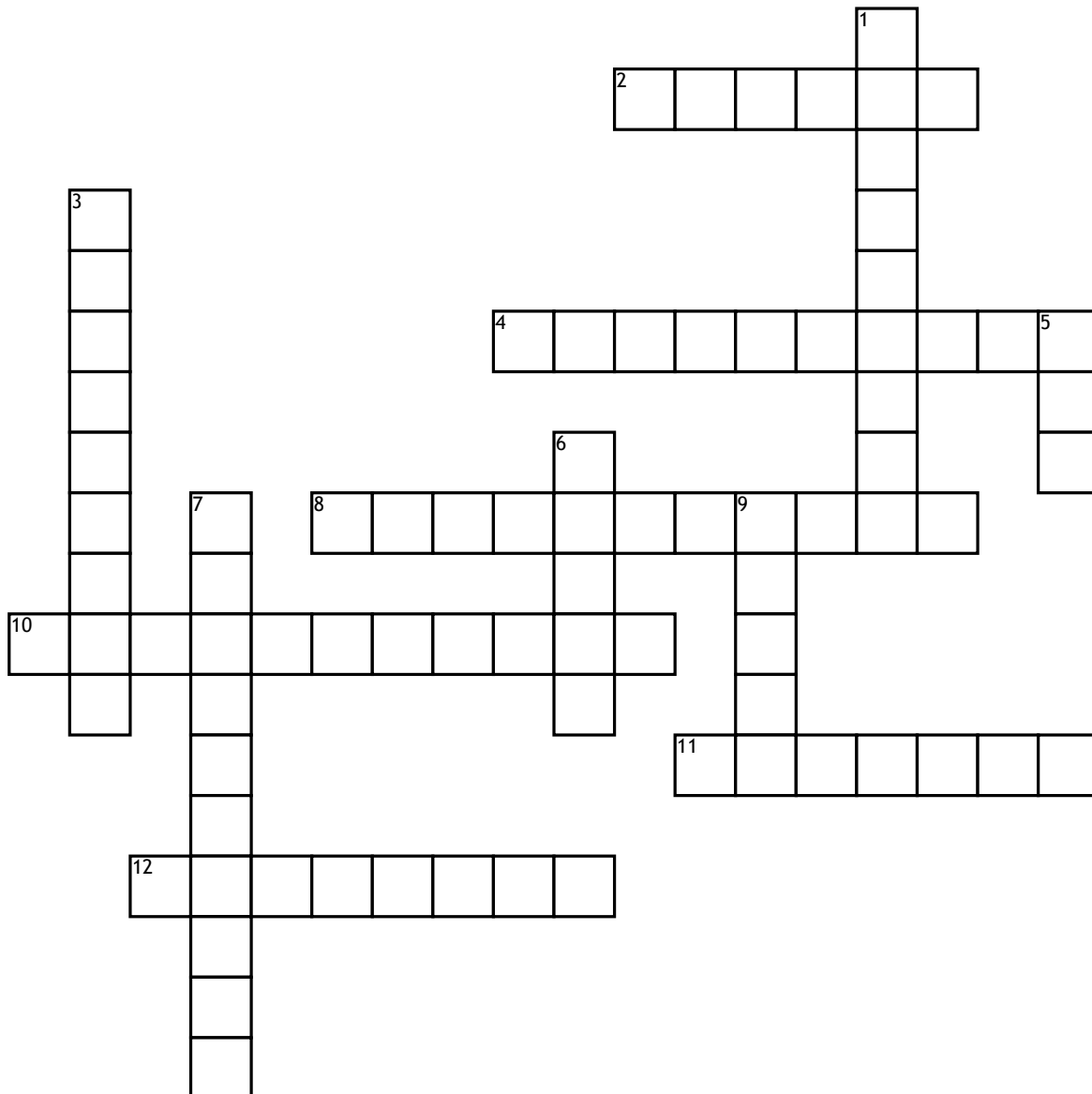


# States of matter



## Across

2. In this state particles have a definite volume, but not a definite shape

4. The change of state from a gas to a liquid

8. The change of state from a liquid to a gas

10. The name of the heat energy change needed for evaporation to occur

11. The change of state from a solid to a liquid

12. The change of state from a liquid to a solid

## Down

1. The movement of particles through a liquid or a gas

3. The change of state when a solid turns directly into a gas

5. Particles don't have a fixed shape or volume in this state

6. Particles vibrate in fixed positions in this state

7. The heat energy change taking place during freezing

9. How many states of matter are commonly found on Earth