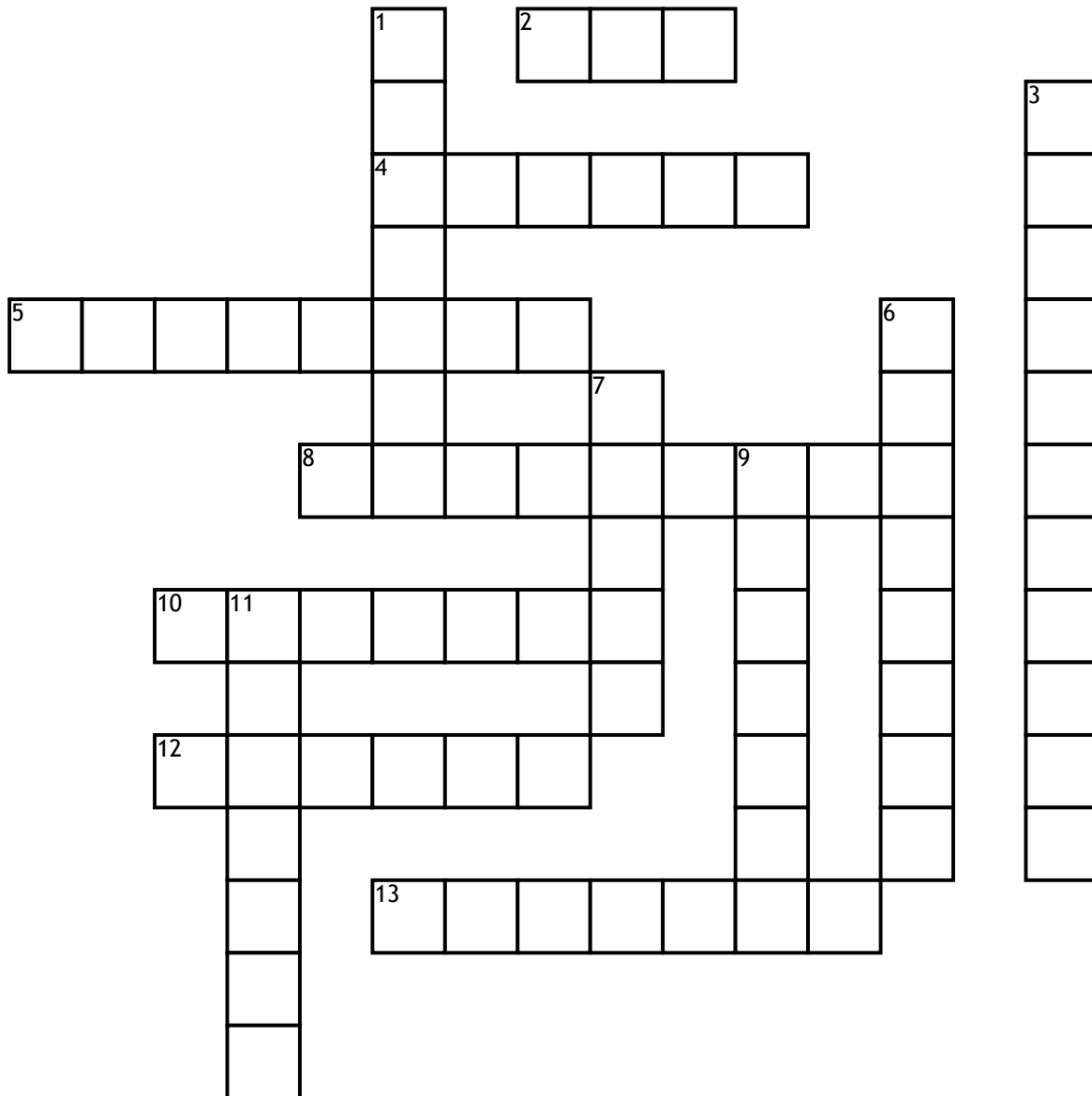


# Respiratory System



## Across

2. A membrane has to be \_\_\_\_\_ in order for oxygen to pass through it
4. Animals need this to create energy
5. The opening to the tracheal system in insects is the \_\_\_\_\_.
8. Layer of muscles that sits beneath the lungs

10. The ribs are attached to this flat bone

12. This contains vocal chords

13. The \_\_\_\_\_ gland, covers the trachea

## Down

1. Passages that branch from the trachea and direct air into the lungs

3. The \_\_\_\_\_ muscles contract during inhalation to bring air into the lungs

6. The exchange surfaces of fish gills are arranged as rows of \_\_\_\_\_.

7. \_\_\_\_\_ receptors are located in the brain-stem to monitor the partial pressure of oxygen

9. Tiny sacs of lung tissue that move gases between air and blood

11. Tubule that forms the respiratory system of most insects