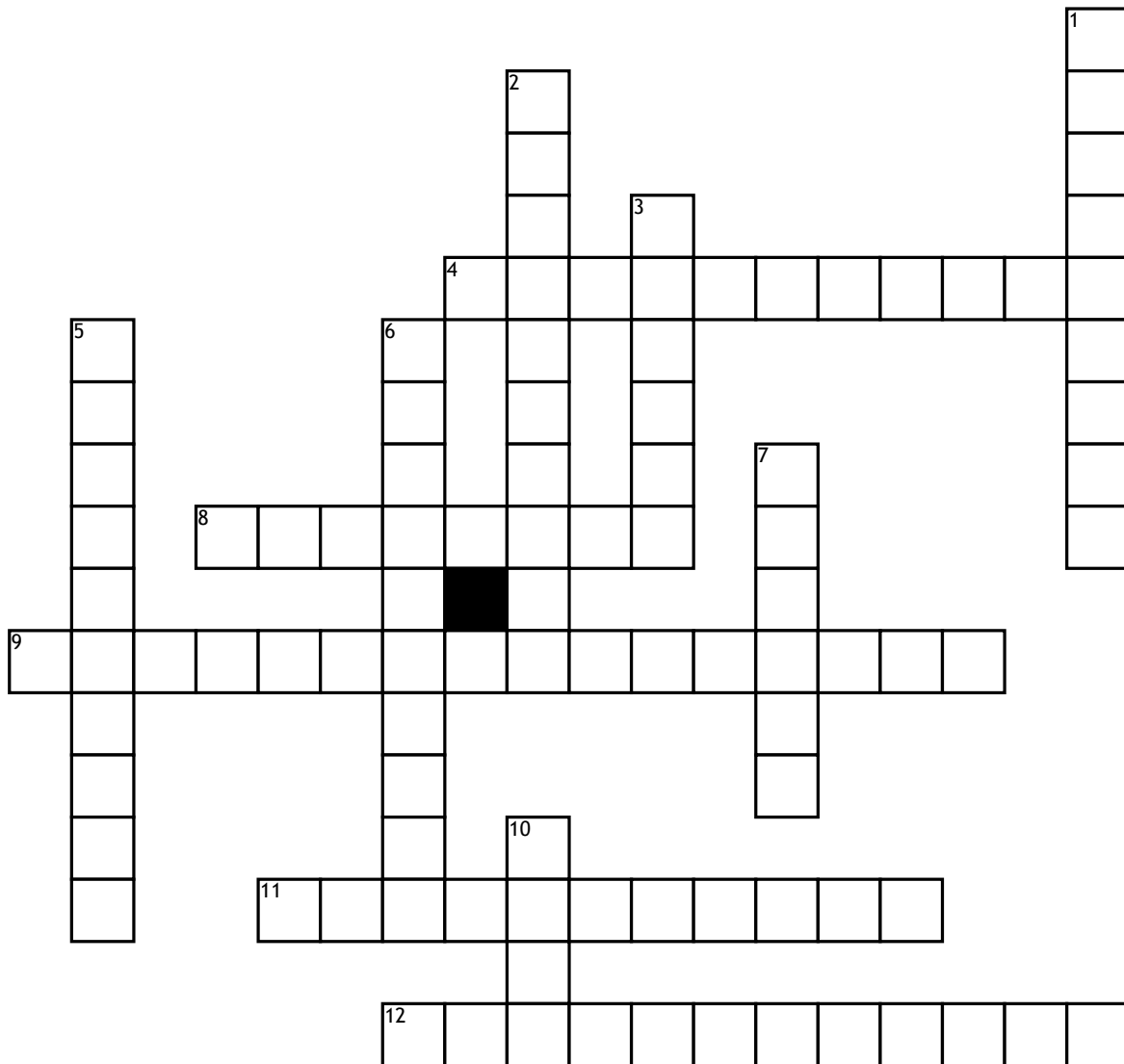


# Cardiorespiratory System



## Across

4. "Amount of air breathed in and out per breath."

8. what have thick muscular walls

9. "the process that increases the blood flow to active areas during exercise by diverting blood away from inactive areas achieved by vasodilation and vasoconstriction"

11. Pigment that makes red blood cells red

12. Product of heart rate x stroke volume (measured in Litres per min)

## Down

1. what component of blood is the first line of defence for repairing an open wound

2. What chemicals from white blood cells are used to destroy pathogens

3. what stops back flow between the atria and ventricles

5. Where are platelets formed?

6. what hormone is released to increase your heart rate before exercise has started

7. what divides the heart into left and right

10. How many chambers does the heart have?