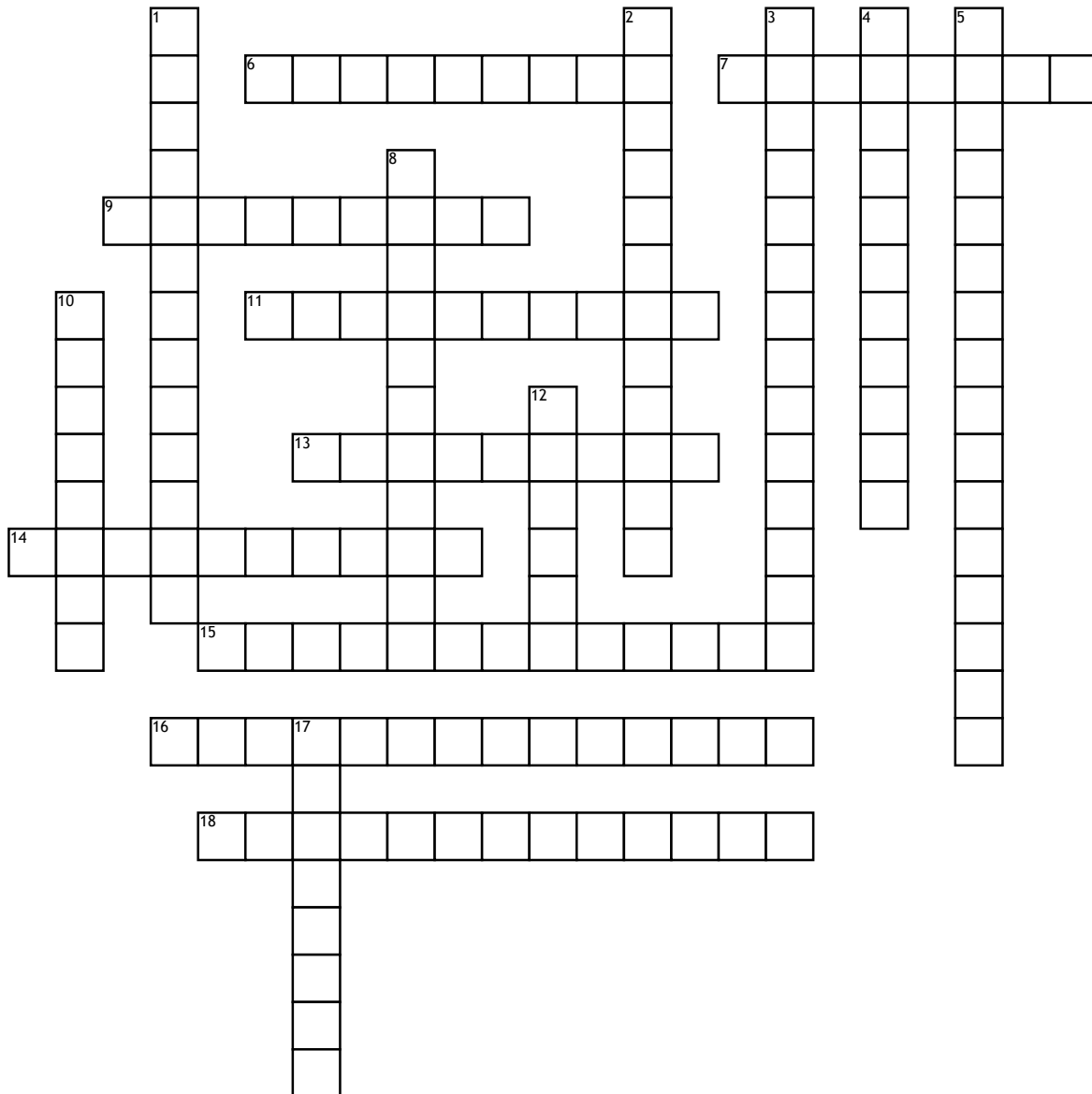


Name: \_\_\_\_\_

# Cardiovascular System: The Heart Pt. I



## Across

6. Shape of RBCs  
7. Vessels responsible for carrying blood away from the heart  
9. Blood circuit responsible for carrying blood to the lungs and back  
11. \_\_\_\_\_ bind to antigens and can attack foreign cells to defend the host  
13. Main players in blood clotting  
14. Protein found in RBCs responsible for carrying O<sub>2</sub> to tissues

15. A \_\_\_\_\_ is when two different types of blood mix

16. The process by which RBCs are made

18. White blood cell type that includes lymphocytes and monocytes

## Down

1. Clumping of RBCs in response to a cross-reaction

2. Oxygenation state of venous blood

3. Protein responsible for increasing RBC production at an accelerated rate. Can be abused to enhance athletic performance

4. Membrane that surrounds the heart

5. Disease caused by a mutation in hemoglobin molecules

8. Blood vessels that connect arterioles to venules

10. \_\_\_\_\_ are found on the surface of RBCs

12. Formed elements of whole blood are suspended in this matrix

17. Platelet aggregation that can lead to tissue oxygen deprivation