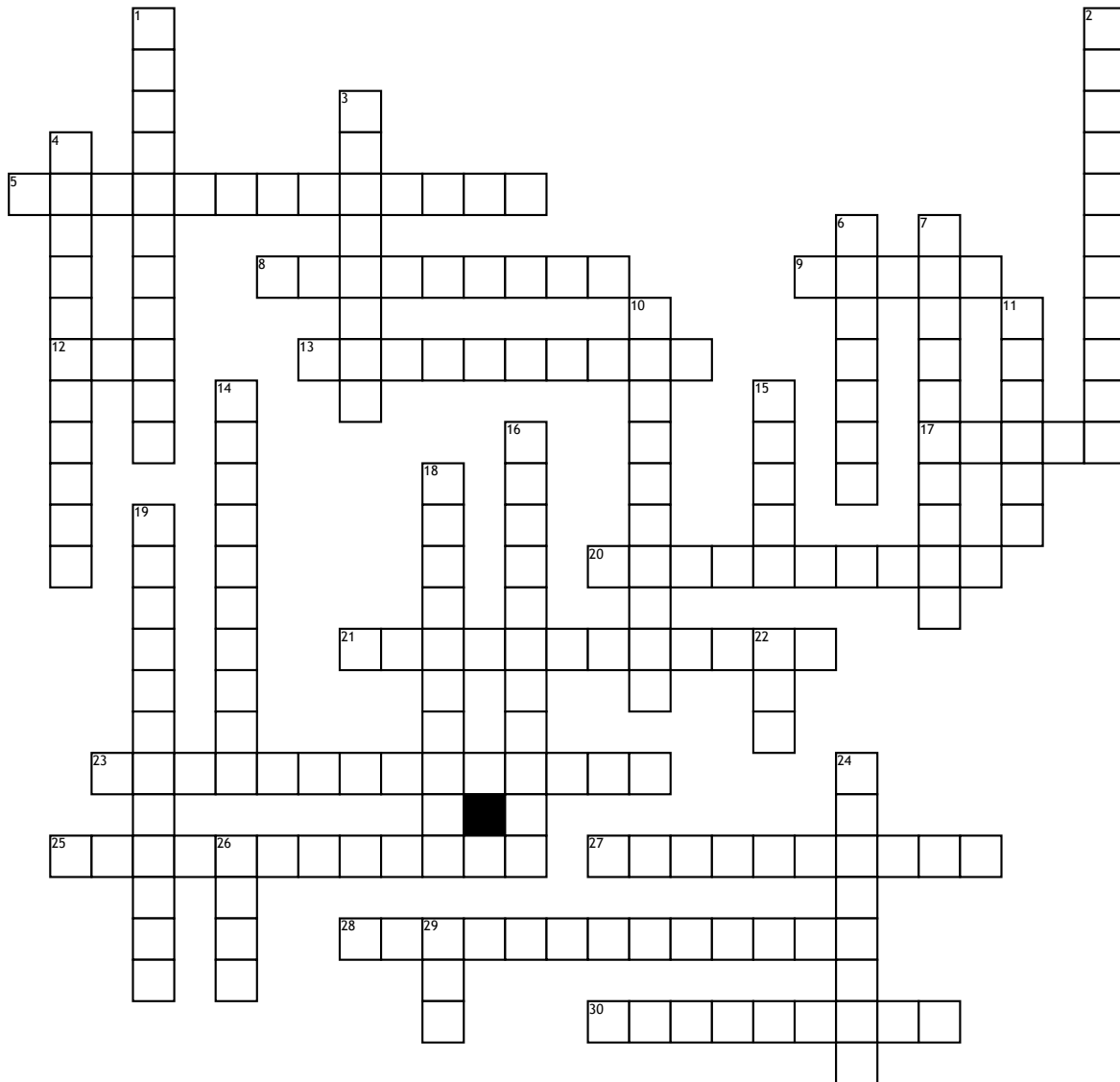


# Chapter 19 Crossword Puzzle



## Across

5. This vein, found in the arm, is typically used for venipuncture. (two words, no spaces)  
 8. \_\_\_\_\_ disease of the newborn involves an Rh- mother and an Rh+ fetus  
 9. Monocytes differentiate into macrophages, which are either \_\_\_\_\_ or wandering.  
 12. Basophils normally make up less than \_\_\_\_\_ percent of circulating WBCs. (spell it out!)  
 13. Type AB blood contains no anti-A or anti-B \_\_\_\_\_.  
 17. Alveolar macrophages are stationed in the \_\_\_\_\_.  
 20. \_\_\_\_\_ is the sequence of responses that stops bleeding.  
 21. \_\_\_\_\_ fluid bathes body cells.  
 23. Platelets are fragments of this type of mature cell.  
 25. A cell that becomes a red blood cell is called a \_\_\_\_\_.

27. The percent of blood occupied by RBCs is called the \_\_\_\_\_.  
 28. Two gases transported by blood are oxygen and \_\_\_\_\_. (two words, no spaces)  
 30. To combat inflammation, \_\_\_\_\_ release histamine.

## Down

1. \_\_\_\_\_ stem cells form all blood cells.  
 2. These cells make up about 20-25% of circulating WBCs.  
 3. These proteins make up most of the proteins in blood plasma.  
 4. A high count of these cells is likely due to a bacterial infection.  
 6. Blood is more \_\_\_\_\_ than water.  
 7. White blood cells, unlike red blood cells, do not carry any \_\_\_\_\_.  
 10. This is an abnormally low level of WBCs caused by radiation, shock, and/or chemotherapy.  
 11. Erythropoietin is released by this organ.

14. A deficiency in clotting factors is called \_\_\_\_\_.  
 15. \_\_\_\_\_-matching is the mixing of a donor's and recipient's blood to test for compatibility.  
 16. A red blood cell is called an \_\_\_\_\_.  
 18. The study of blood is called \_\_\_\_\_.  
 19. A \_\_\_\_\_ WBC count is taken to determine specific issues in the body.  
 22. Type O blood is compatible with \_\_\_\_\_ other blood types.  
 24. Lysozyme is an enzyme that kills \_\_\_\_\_.  
 26. Stem cells from the umbilical cord are taken and frozen in a \_\_\_\_\_-blood transplant.  
 29. Eosinophils have large granules that stain an orange-\_\_\_\_\_ color.