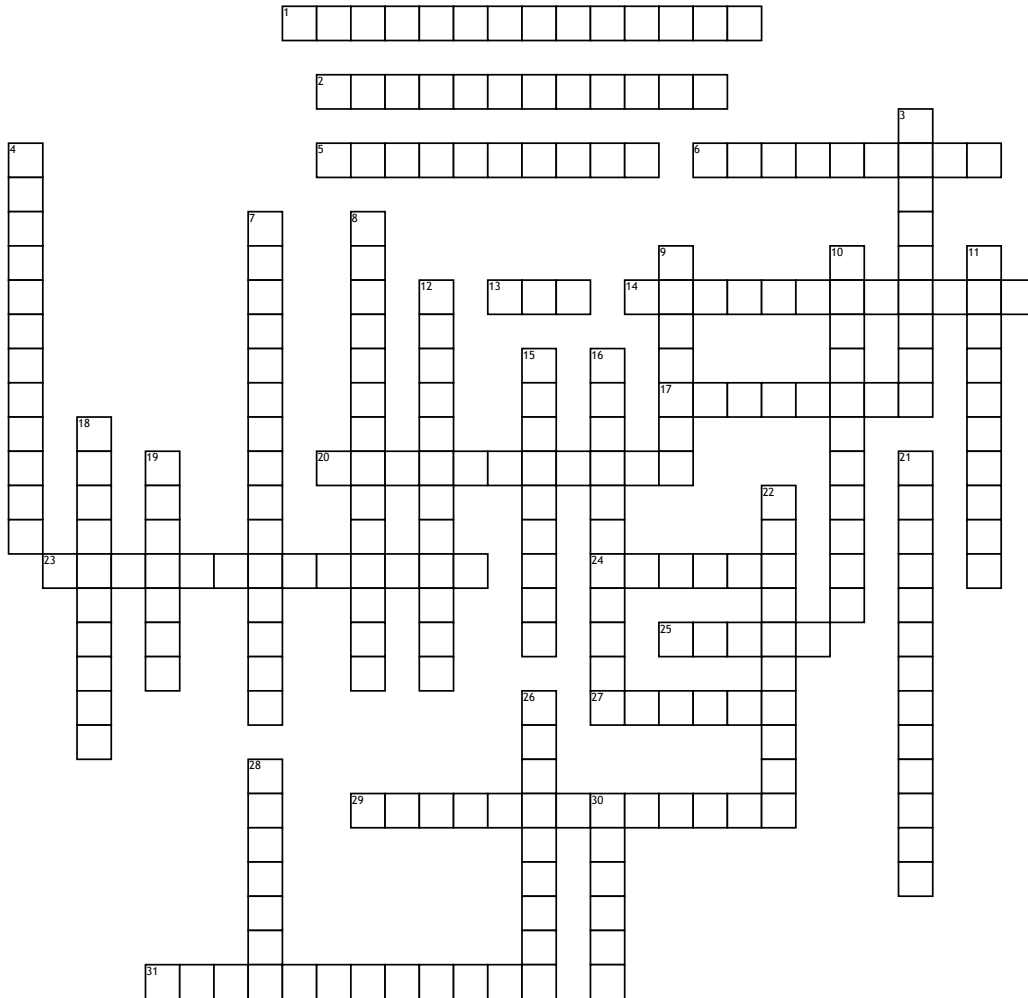


# Chapter 17: Blood



## Across

1. stimulates formation of red blood cells
2. act against virus-infected
5. A \_\_\_\_\_ is the percentage of red blood cells.
6. White blood cells and platelets form the \_\_\_\_\_.
13. 7.35- \_\_\_\_\_ is the normal pH range for blood.
14. Another name for red blood cells.
17. Blood transports \_\_\_\_\_ from the endocrine system.
20. Second most numerous WBC; Crucial to immunity
23. Lymphocytes, monocytes

24. What makes up the nonliving portion of blood?
  25. 47 +- 5% is the hematocrit for \_\_\_\_\_.
  27. Abnormal hemoglobin causes \_\_\_\_\_ -cell anemia
  29. Blood cell formation.
  31. Neutrophils, eosinophils, basophils
- Down**
3. Largest leukocytes; differentiate into macrophages
  4. give rise to plasma cells, which produce antibodies
  7. Dark red blood
  8. What cell creates platelets?
  9. Cytoplasmic granules stain specifically with \_\_\_\_\_ stain

10. Release enzymes to digest parasitic worms
11. Another name for white blood cells
12. Production of WBCs
15. Erythrocytes are \_\_\_\_\_.
16. Most numerous WBCs (phagocytes)
18. \_\_\_\_\_ bind reversibly with oxygen.
19. 42 +- 5% is the hematocrit for \_\_\_\_\_.
21. Ruby red blood
22. WBCs can leave capillaries via \_\_\_\_\_.
26. Rarest WBCs; contain histamine
28. What is the most abundant plasma protein?
30. The blood delivers \_\_\_\_\_ from the lungs to all body cells.

## Word Bank

- |                |                 |                |               |              |               |
|----------------|-----------------|----------------|---------------|--------------|---------------|
| Neutrophils    | deoxyhemoglobin | oxygen         | buffy coat    | hormones     | oxyhemoglobin |
| plasma         | diapedesis      | B lymphocytes  | females       | males        | hemoglobin    |
| Basophils      | Monocytes       | leukocytes     | Granulocytes  | Leukopoiesis | erythrocytes  |
| Eosinophils    | hematopoiesis   | megakaryocytes | Agranulocytes | anucleate    | Wrights       |
| erythropoietin | hematocrit      | 7.45           | albumin       | Lymphocytes  | sickle        |
| T lymphocytes  |                 |                |               |              |               |