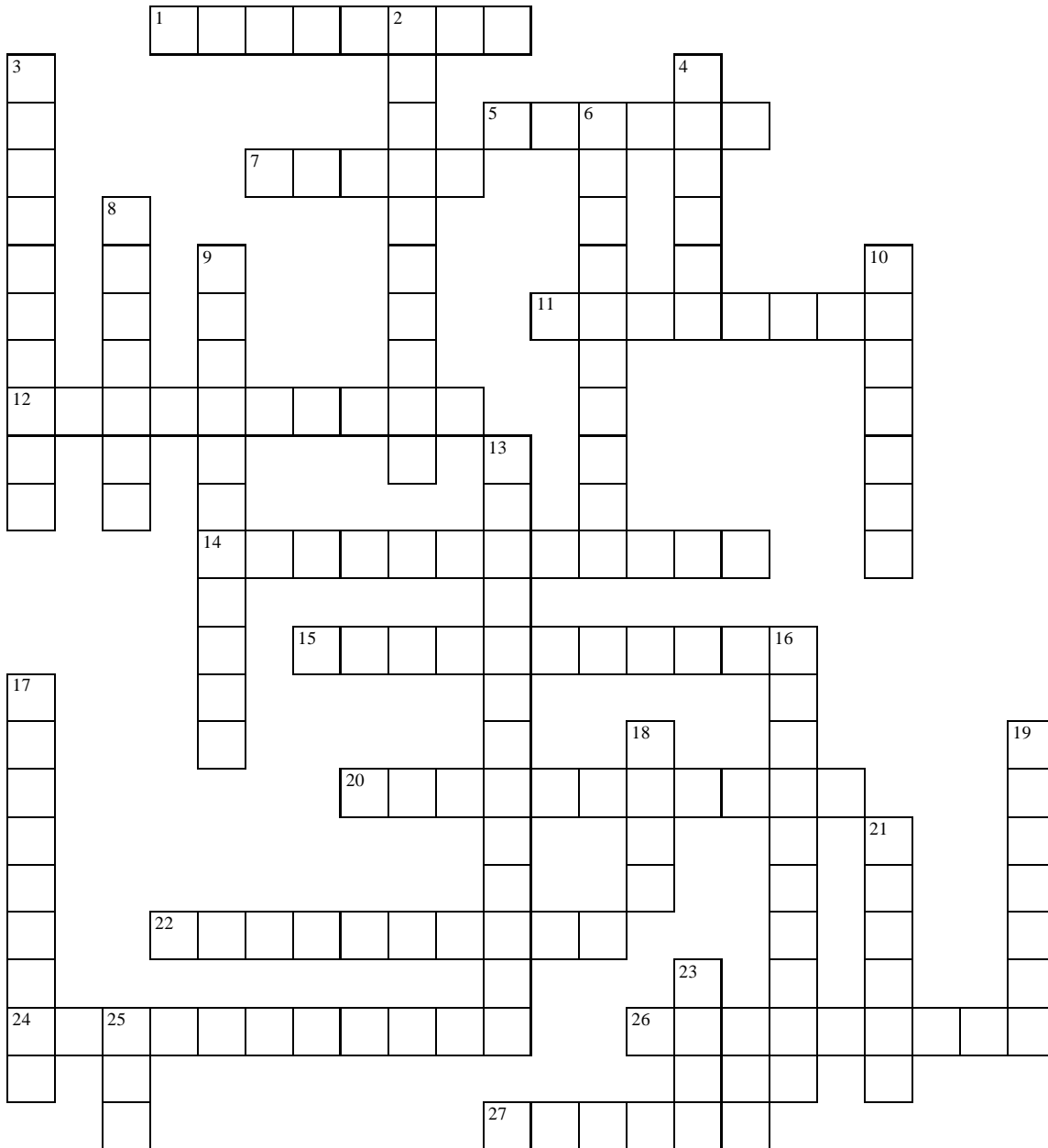


# Blood



**ACROSS**

- 1 Least abundant white blood cell
- 5 The number of the first pregnancy that can be complicated by erythroblastosis fetalis
- 7 Medium used by warm blooded animals to transport oxygen and nutrients
- 11 Universal donor has type O (blank) blood
- 12 Percentage of whole blood occupied by RBCs
- 14 Condition characterized by an increased hematocrit

**DOWN**

- 2 Protein in RBC that binds oxygen reversibly
- 3 Leukocyte that eats bacteria
- 4 Condition characterized by a decreased heamtocrit
- 6 Type of tissue; blood
- 8 Protein involved in fibrinolysis
- 9 Most abundant WBC
- 10 Anti-coagulant that prevents vitamin K conversion to prothrombin

- 15** Type of cell that carries oxygen in the blood
- 20** Converted into thrombin in the presence of ionic calcium
- 22** Series of reactions needed by humans to maintain life
- 24** Technical name of a platelet
- 26** Yellow pigment produced from the heme molecule
- 27** Primary location of RBC destruction
- 13** Substance released by eosinophils in response to an allergic reaction
- 16** Type of cell that is increased during a parasitic worm infection
- 17** General name of a cell involved in inflammation and infection prevention
- 18** T (blank) cells activate the inflammatory system to alert other WBC's of an invading pathogen
- 19** Protein that maintains osmotic pressure; serum (blank)
- 21** Gland responsible for production of T lymphocytes
- 23** Average amount of blood in human body
- 25** Color of bone marrow that produces red blood cells

Note: For a fee, you can use Crossword Weaver to print a nice copy of this puzzle (one that doesn't look like a web page). You can check it out for free by downloading the demo from <http://www.crosswordweaver.com/index.htm?From=OCWM.puzzle> .