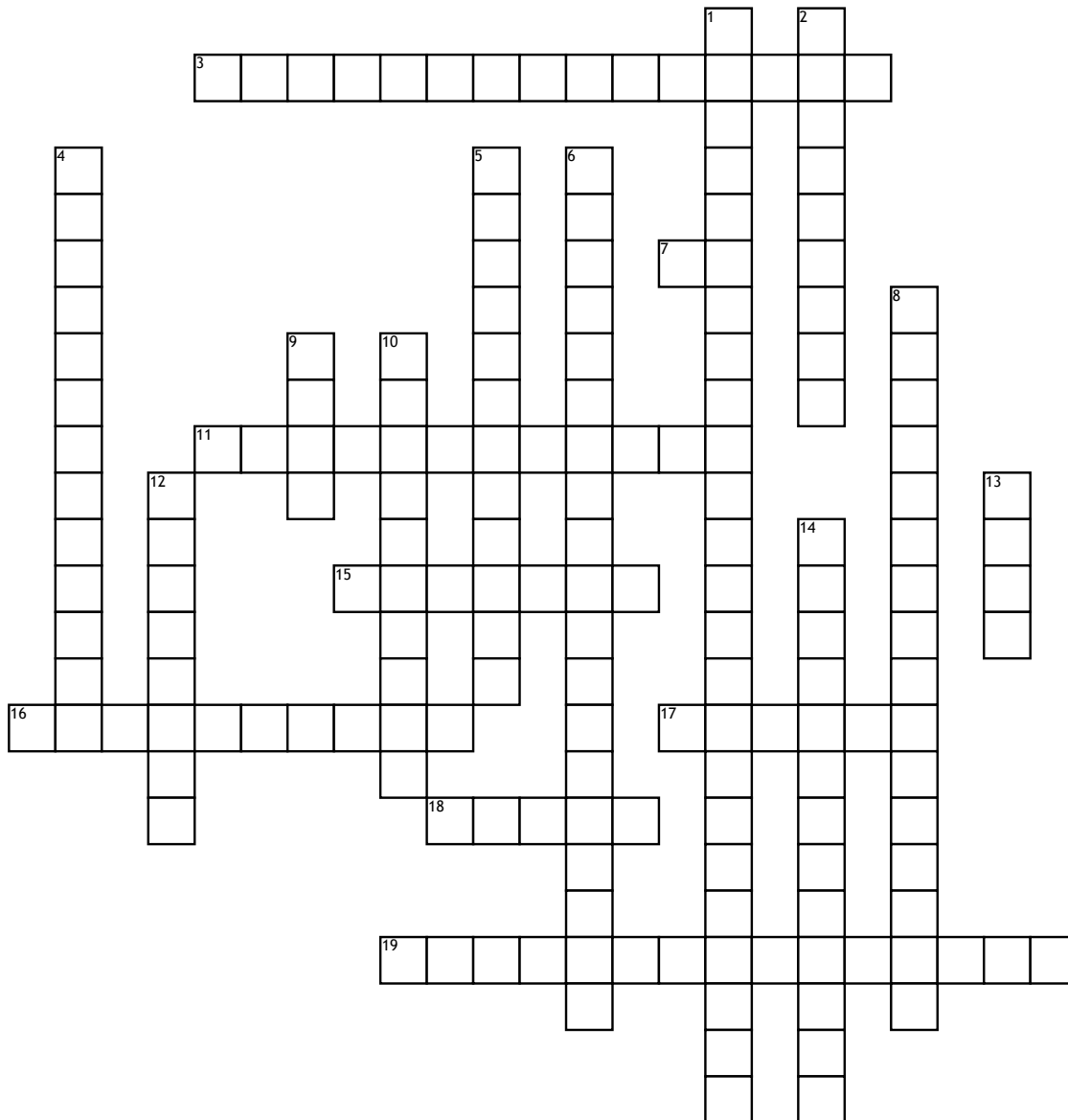


# Circulatory System Crossword Puzzle



## Across

3. Do veins carry oxygen depleted blood or oxygen rich blood?
7. A, B, and O are all three blood types. What is the fourth?
11. When blood is in the right side of the heart is it oxygenated or deoxygenated?
15. A substance the causes the immune system to make antibodies against it is called?
16. A substance in the immune system that is produced to fight of antigens is called?
17. Red blood cells, white blood cells, and platelets are three components in blood. What is the fourth?
18. Photosynthesis provides \_\_\_\_\_ so that animals can go through Cellular Respiration and make energy?

19. Which artery pushes blood from the right ventricle to the lungs?

## Down

1. Red blood cells deliver oxygen to cells, white blood cells protect the immune system, and plasma carries chemical messages. What do platelets do?
2. Red Blood Cells makes up 55% of our blood, and white blood cells and platelets make up less the 1% of our blood. What percent of our blood does Plasma make up?
4. What do are cells need in order to survive?
5. What is high blood pressure through blood vessels called?
6. Cells obtain energy through what process?

8. To deliver food and oxygen to cells, to aid in disease prevention, and deliver chemical messages, are all functions of the Circulatory System. What is the last function?

9.  $C_6H_{12}O_6 + 6O_2 \rightarrow$  Released Energy +  $6H_2O +$  \_\_\_\_\_. What part of the Cellular Respiration formula is missing?
10. Does blood get oxygenated or deoxygenated when it travels through the lungs?
12. When the blood clots in the Rh factor blood test does it mean the Rh is positive or negative?
13.  $6CO_2 +$  \_\_\_\_\_ + Light Energy  $\rightarrow C_6H_{12}O_6 + 6O_2$ . What part of the Photosynthesis formula is missing?
14. What is the valve going from the left atrium to the left ventricle called?