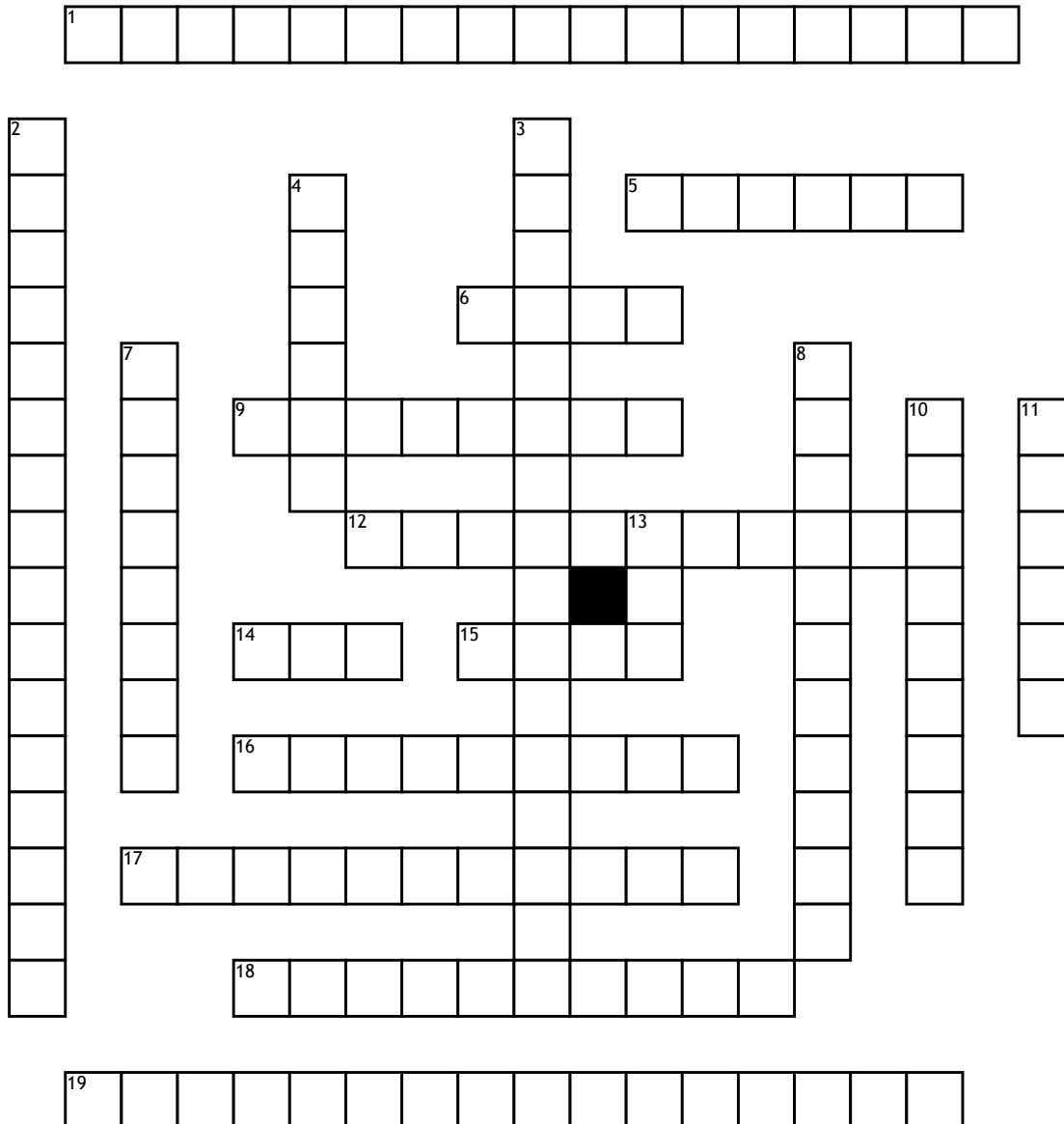


Unit 4 PBS Vocab Crossword



Across

- 1. Blood pressure that remains between heart contractions
- 5. Alternative versions of a gene that produce phenotypic effects
- 6. A vessel that returns blood to the heart
- 9. A rare change in the DNA of a gene, ultimately creating genetic diversity
- 12. A valve in the heart that guards the opening between the left atrium and the left ventricle
- 14. Lipoprotein of blood plasma that is composed of a high proportion of protein with little triglyceride and cholesterol
- 15. Smallest structural unit of living matter Aorta: large arterial trunk that carries blood from the heart to be distributed by arteries through the body

- 16. Electrical device for stimulating or steadying the heartbeat or reestablishing the rhythm of an arrested heart
- 17. Semilunar valve separating the aorta from the left ventricle that prevents blood from flowing back into the left ventricle
- 18. All or part of the genetic constitution of an individual or group
- 19. Largest vein in the human body and returns blood to the right atrium of the heart from bodily parts below the diaphragm

Down

- 2. The pressure generated by the left ventricle during systole
- 3. Vein that is the second largest vein in the human body and returns blood to the right atrium of the heart from the upper half of the body

- 4. An anatomical cavity or passage, a chamber of the heart that receives blood from the veins and forces it into a ventricle or ventricles
- 7. All or part of the genetic constitution of an individual or group
- 8. Lipid that forms an essential component of animal cell membranes
- 10. Physical and physiological traits of an organism that are determined by its genetic makeup
- 11. Any of the tubular branching muscular and elastic-walled vessels that carry blood from the heart through the body
- 13. Substance made up of fat (lipid) and protein. Its function is to carry cholesterol and fats (triglycerides) in the blood