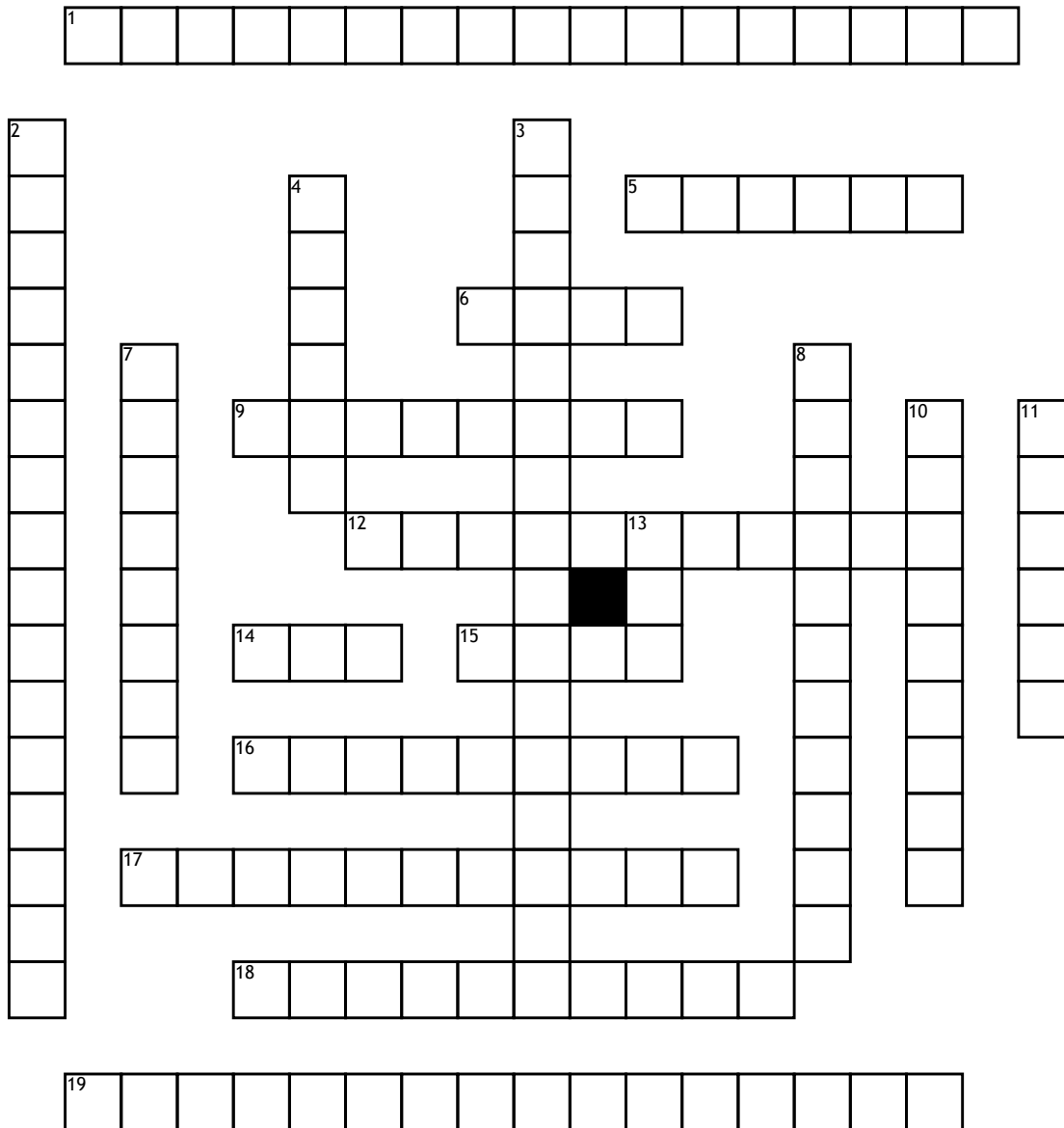Name: _____ Date: _____

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