# Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_

## **Unit 8 Test Review**

**Solve the following systems of equations using graphing, elimination, or substitution. The graph is provided for use when solving by graphing.**



 SOLUTION:\_\_\_\_\_\_\_\_\_\_\_\_\_



 SOLUTION:\_\_\_\_\_\_\_\_\_\_\_\_\_



3.

 SOLUTION:\_\_\_\_\_\_\_\_\_\_\_\_\_

4.



 SOLUTION:\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Solve by all 3 methods. A. GRAPHING



B. SUBSTITUTION

C. ELIMINATION SOLUTION:\_\_\_\_\_\_\_\_\_\_

Based on the graph of the following systems, determine the solutions.

6. SOLUTION:\_\_\_\_\_\_\_\_\_\_\_ 7. SOLUTION:\_\_\_\_\_\_\_\_\_\_ 8. SOLUTION:\_\_\_\_\_\_\_\_\_\_







9. Determine if is a solution to the system.

**Graph and shade the solution heavily.**

10. 11.





12.



**Write the equation of the line given the following information.**

13. slope , y-intercept \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14. line passes through with slope \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15. slope and passes through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. Graph problem #15. 17. Write the equation of the line in the graph below.





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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. If is a solution to the equation , what is the value of ?

## **ANSWERS**







