AR Test 5 Review Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_\_\_

**Solve for x, graph the inequality and write your answer in words.**

|  |  |
| --- | --- |
| Write your answer in words: | Write your answer in words: |
| Write your answer in words: |  Write your answer in words: |
| Write your answer in words: | Write your answer in words: |

Graph the given inequality and shade appropriately.

Graph the following system of inequalities and shade appropriately.

Solve the following systems by substitution.

7. x – 6y = -11 8. 4x + y = -1

 3x + 2y = 7 3x – 5y = -18

Solve the following systems by elimination.

9. x + 2y = 20 10. 3x + 2y = 7

 2x + y = 19 x – y = -1

Solve the following systems using a calculator.

11. 8x – 3y = -9 12. 2x – 5y = 8

 5x + 4y = 12 3x + 5y = -13

Identify the solution to the following system of equations:



Graph the system of equations and identity the solution.

13. y = 3x – 2 14. y = x - 2

 y = x + 3 y = x + 3