NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_PERIOD\_\_\_\_

**8.3 – Graphing Systems of Inequalities**

State which of the following points are solutions to the system of inequalities graphed below.



1. \_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_\_\_\_

4. \_\_\_\_\_\_\_\_\_\_

5. \_\_\_\_\_\_\_\_\_\_

Solve each system of inequalities.

6. 7.





8. 9.





10. 11.







A

B

12. Find the domain and range.

D:\_\_\_\_\_\_\_\_\_\_\_\_ R:\_\_\_\_\_\_\_\_\_\_\_\_

13. Find the equation of the line containing the point with .

14. Solve: