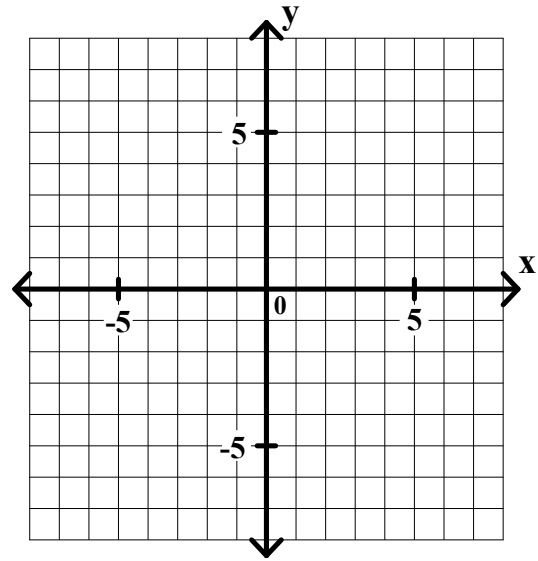
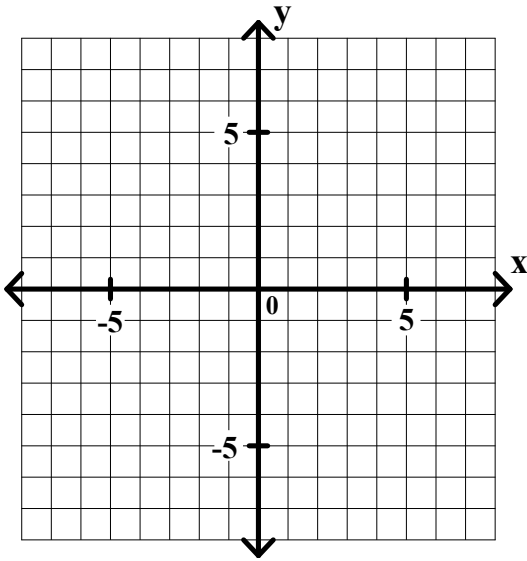


General Algebra II Worksheet #4 Unit 4 page 1 _____

Graph the solution set of each of the following compound inequalities on the graph paper provided. Find the coordinates of any vertex.

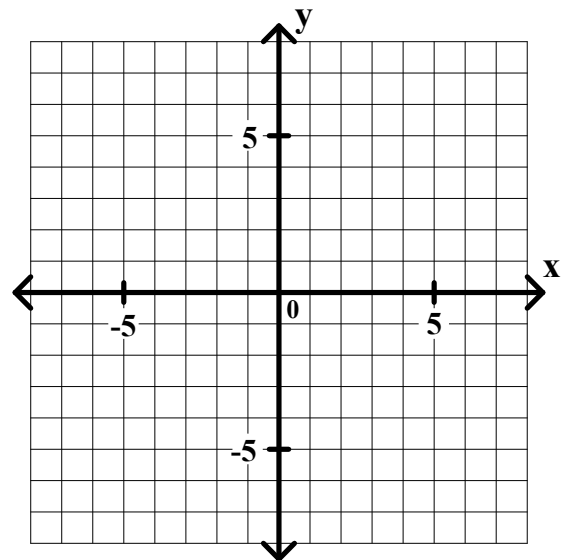
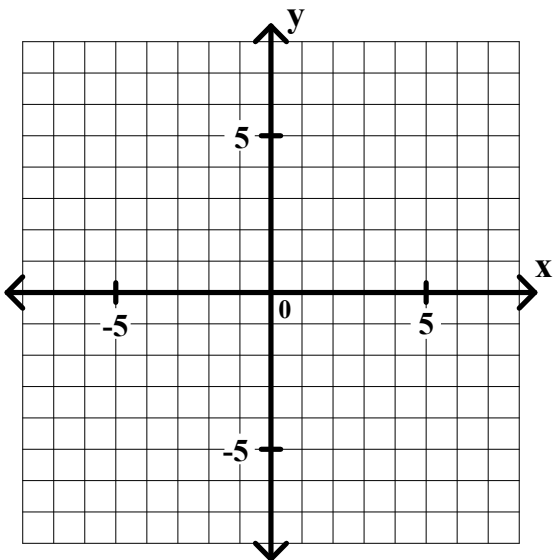
1. $x + 2y > 2$ and $y > 2x + 1$

2. $3x + 5y < 25$ and $x - 5 < 0$



3. $3x + 2y \leq 8$ and $x + 3y \geq -9$

4. $3x - 2y \leq 0$ and $-3x + 4y \leq 12$

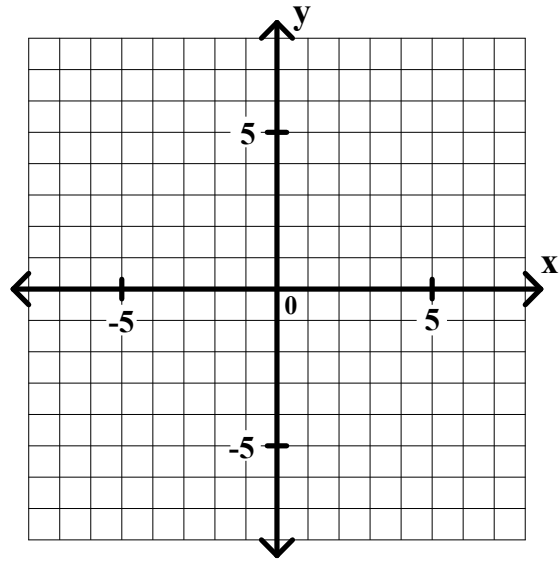
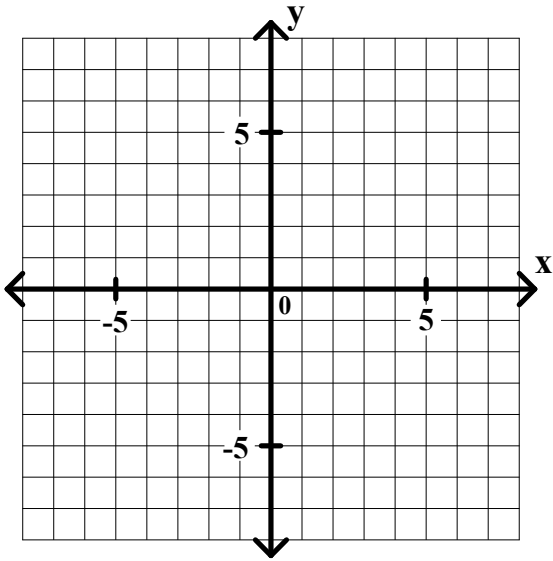


General Algebra II Worksheet #4 Unit 4 page 2

Graph the solution set of each of the following compound inequalities on the graph paper provided. Find the coordinates of any vertex.

5. $y \leq -2$ or $2x + y \leq -2$

6. $x + 2y < 0$ or $x - y < 3$



7. $x + 3y > 9$ or $2x + y > 8$

8. $-x + y \geq 3$ or $x - 3y \geq 3$

