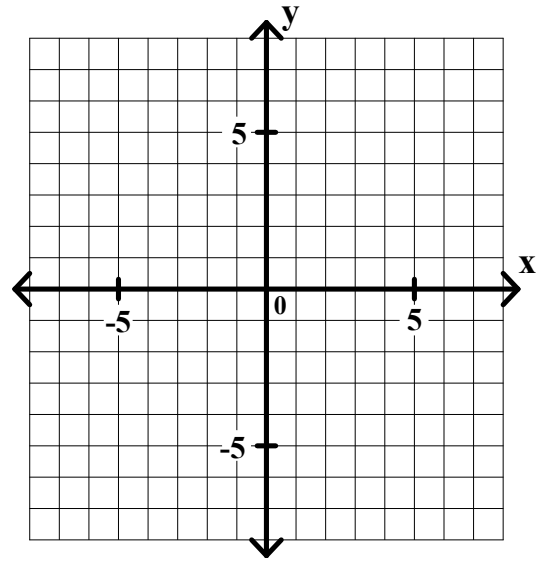
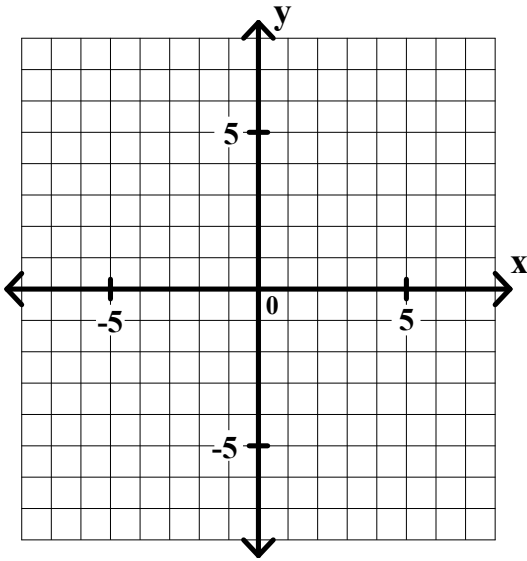


Algebra II Worksheet #2 Unit 4 page 1

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

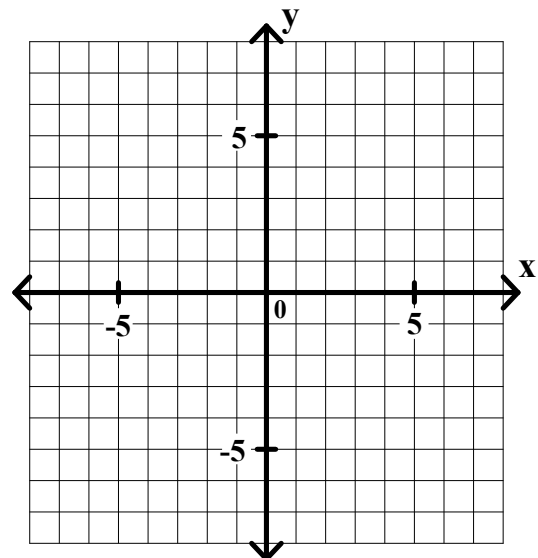
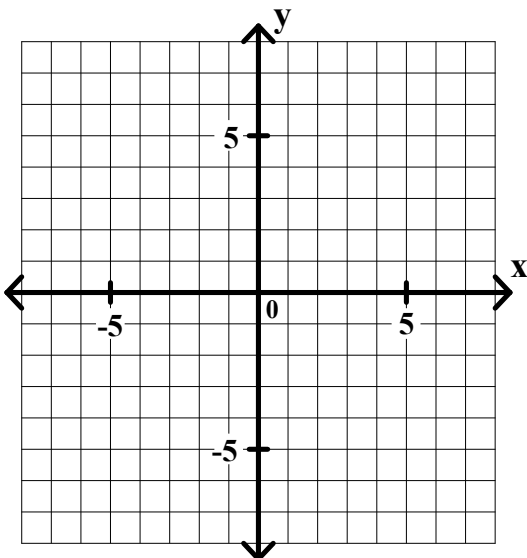
1. $x \leq 2$ and $3x - 2y < 4$

2. $x - 2y < 6$ and $x + y > 0$



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

4. $4x - y > 3$ and $2x + y < 7$

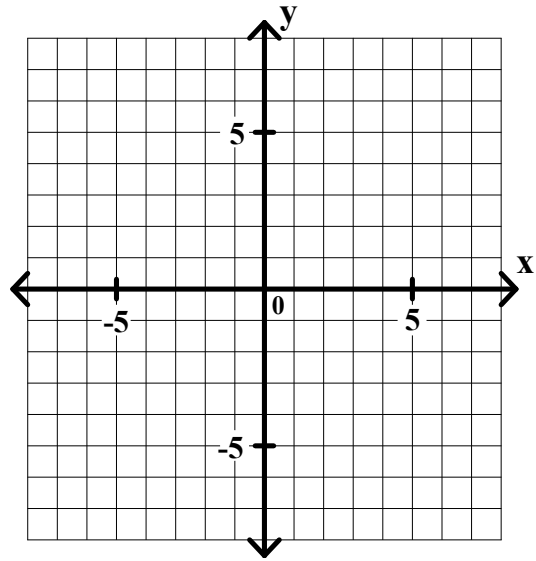
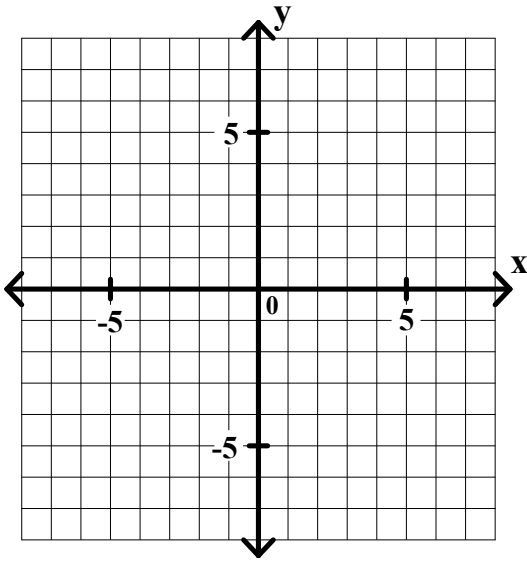


Algebra II Worksheet #2 Unit 4 page 2

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

5. $y \leq 1$ or $2x + y \leq -1$

6. $x - 3y \leq 0$ or $x + 3y \leq -6$



7. $2x - 3y \geq 12$ or $4x + 3y > 6$

8. $2x + 3y < 9$ or $6x - 5y < 5$

