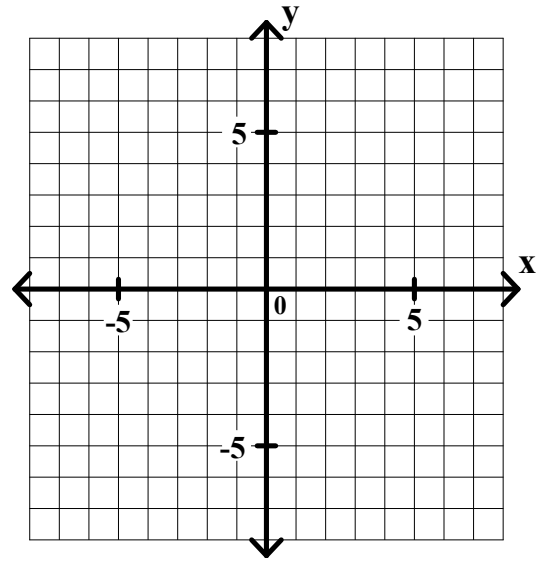
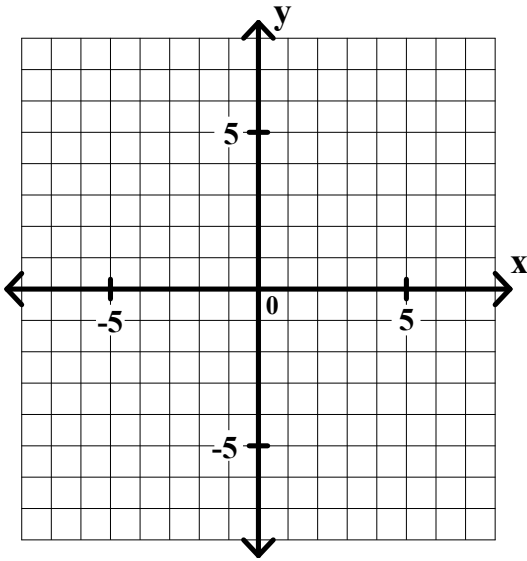


**Class Worksheet #2 Unit 4 page 1** \_\_\_\_\_

**Graph the solution set of each of the following compound inequalities. Find the coordinates of any vertex.**

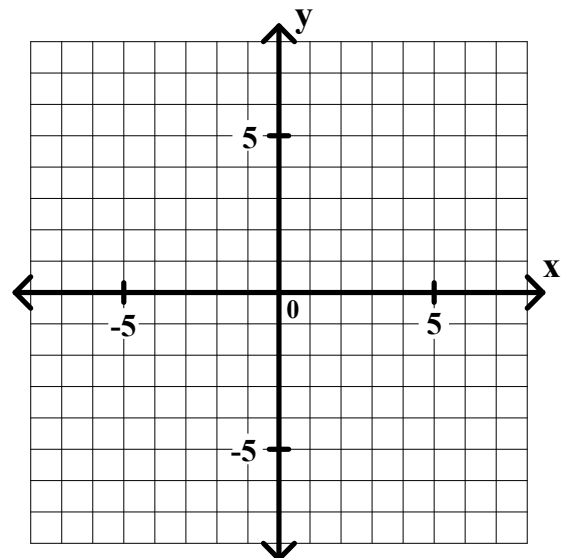
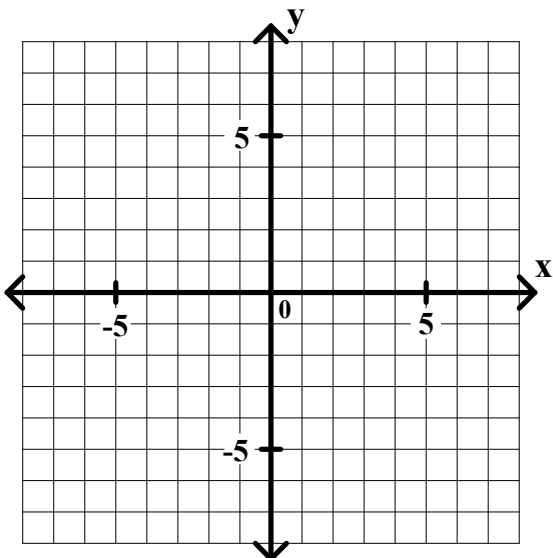
1.  $y > -2$  and  $x + 2y < 2$

2.  $x + y \geq 2$  and  $x - 3y \geq -6$



3.  $x - 2y > -2$  and  $x + 3y > 3$

4.  $x - y \geq 0$  and  $x - 2 \leq 0$

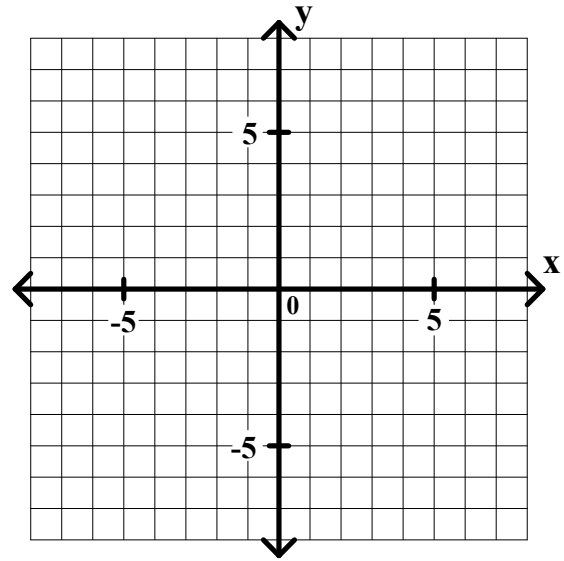
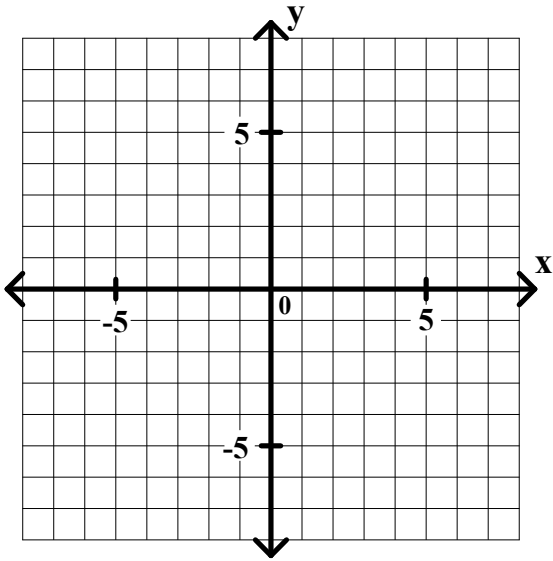


## Algebra II Class Worksheet #2 Unit 4 page 2

Graph the solution set of each of the following compound inequalities. Find the coordinates of any vertex.

5.  $x > 3$  or  $2x + 3y < 9$

6.  $x + 4y > 0$  or  $x + y > 0$



7.  $x - 3y < 6$  or  $2x + y > -2$

8.  $x + 3y \leq 9$  or  $y - 4 \geq 0$

