**Chapter 6: Systems of Inequalities**

6.4 – Systems of Inequalities (More practice)

Sketch the graph of the solution of the system of inequalities and state one point in the solution set.

1. $2x^{2}+y\geq 2$ 2. $x-y^{2}>0$

 $x\leq 2$ $x-y<2$

 $y\leq 1$



3. $x^{2}+y^{2}\leq 25$ 4. $y<-x^{2}+2x+3$

 $4x-3y\leq 0$ $y> x^{2}-4x+3$