**6.2 - Exploring Graphs of Systems of Linear Inequalities**

**Review**: Solve the linear system using graphing 

**Example 1:** Using desmos.com, graph the system (similar to that one above). How is it similar? How is it different? 

Example 2: Graph this system of linear inequalities. Justify your representation of the solution set.

$$\left\{x+y\leq 5, x\in I, y\in I\right\}$$

$$\left\{x+3y>0, x\in I, y\in I\right\}$$