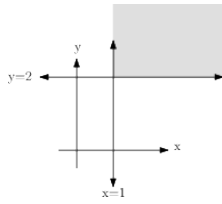
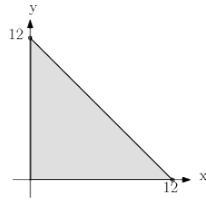


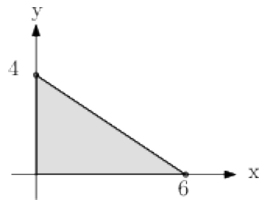
5.5 Systems of Linear Inequalities



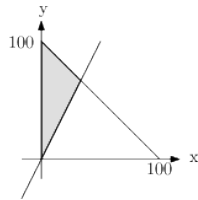
1.



2.



3.



4.

5.
$$\begin{cases} x + y \leq 500 \\ x \geq y \\ x \geq 0 \\ y \geq 0 \end{cases}$$

6.
$$\begin{cases} x + y \leq 12000 \\ x + y \geq 1000 \\ x \geq 0 \\ y \geq 0 \end{cases}$$