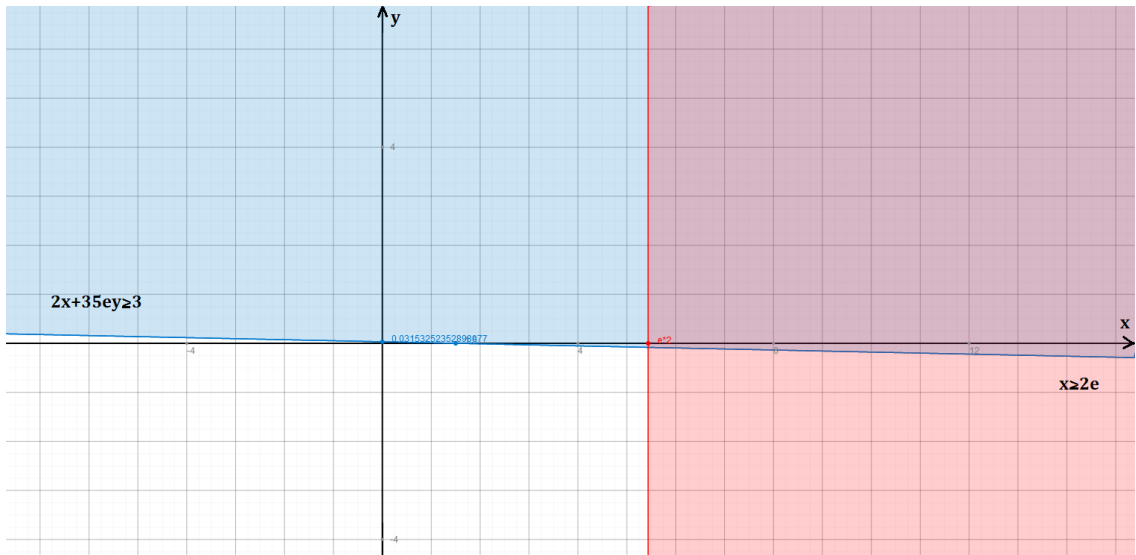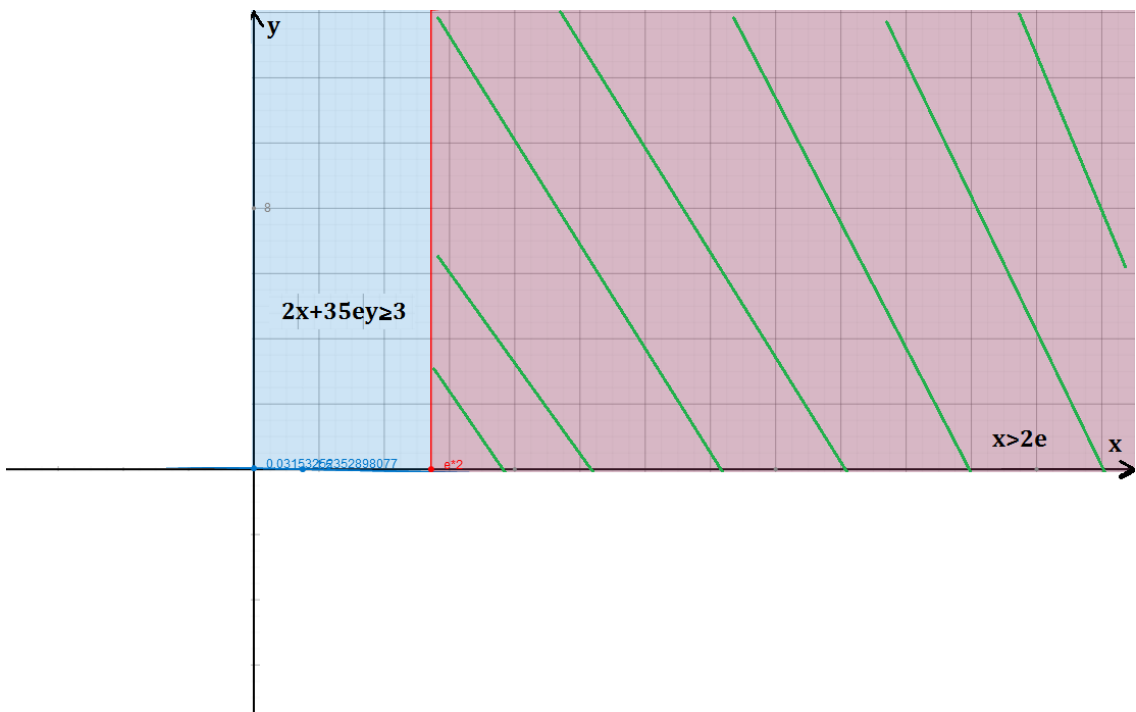**Solution.**

We have two inequalities

$$2x + 35ey \geq 3$$

$$x > 2e$$

On the graph we have first inequality as blue area and second inequality as red area.

Since $x, y \geq 0$, we consider the graph in the first quarter of a Cartesian coordinate system.

Interception of blue and red areas is a solution of the system, because this area is a solution of each inequality and each point of this area is a solution of two inequalities.