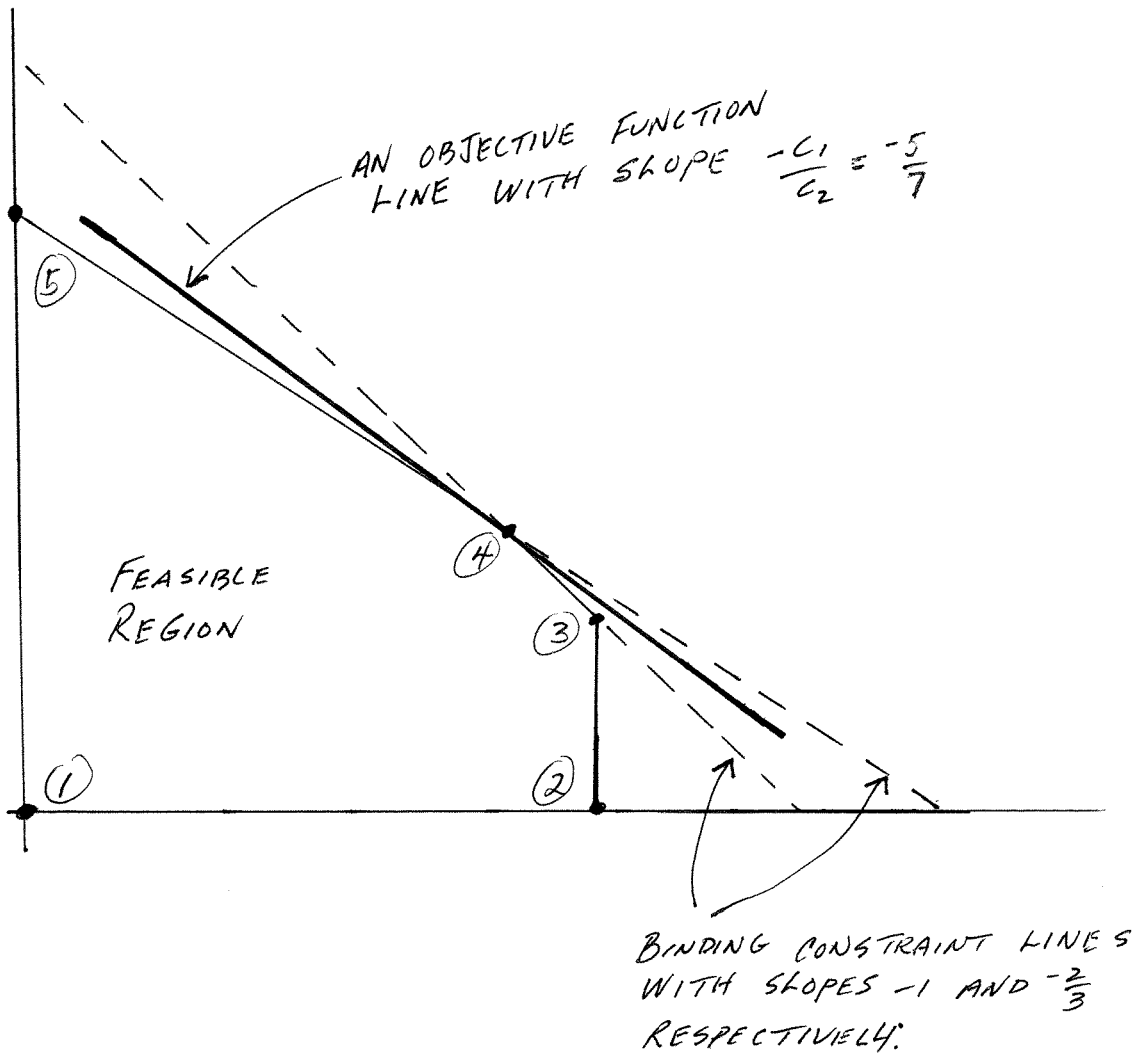


Maximize  $5x_1 + 7x_2$  s.t.  $x_1 \geq 0, x_2 \geq 0$

and 
$$\begin{cases} 1x_1 + 0x_2 \leq 6 \\ 2x_1 + 3x_2 \leq 19 \\ 1x_1 + 1x_2 \leq 8 \end{cases}$$



FIND RANGE OF  $C_1$  SUCH THAT

$$-1 \leq \frac{-C_1}{7} \leq -\frac{2}{3}$$

FIND RANGE OF  $C_2$  SUCH THAT

$$-1 \leq \frac{-5}{C_2} \leq -\frac{2}{3}$$