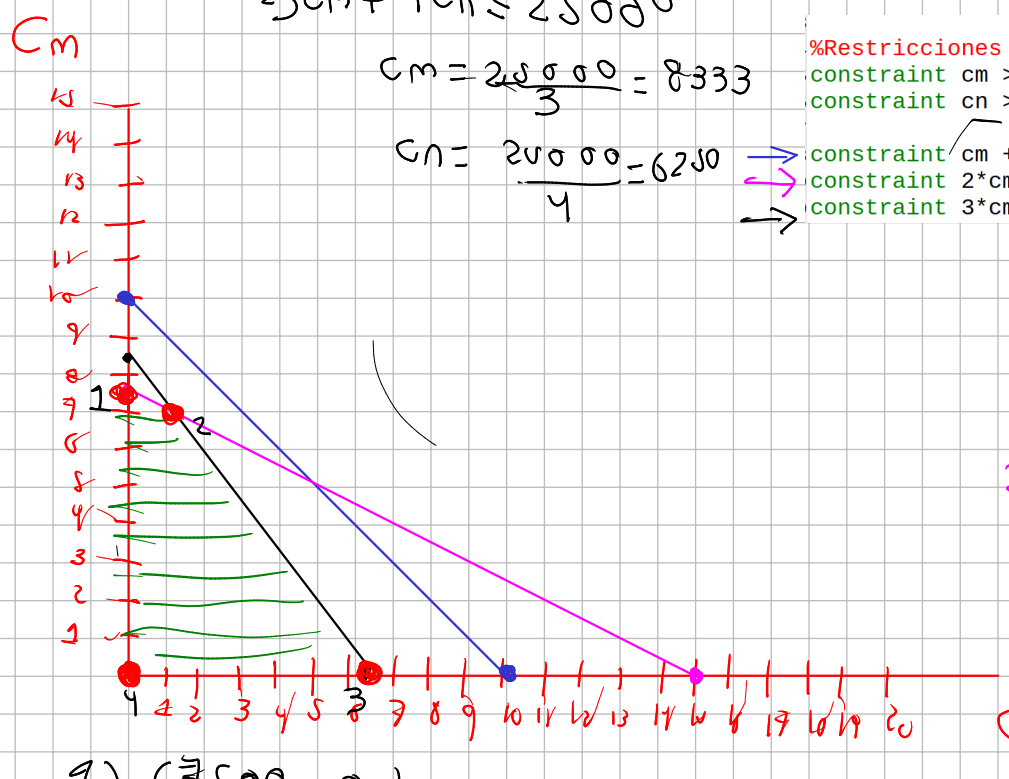
$3c_m + 4c_n \leq 25000$

$c_m = \frac{25000}{3} = 8333$

$c_n = \frac{25000}{4} = 6250$




```
%Restricciones
constraint cm >= 0;
constraint cn >= 0;

constraint cm + cn <= 10000; %Chips
constraint 2*cm + cn <= 15000; %Memoria
constraint 3*cm + 4*cn <= 25000; %Tiempo
```

$c_m + c_n \leq 10000$

$c_m = 10000$

$c_n = 10000$

$2c_m + c_n \leq 15000$

$c_m = 7500$

$c_n = 1500$

1) $(7500, 0)$

X 2) $(7000, 1000)$

3) $(0, 6250)$

4) $(0, 0)$

$$\begin{array}{r} 2c_m + c_n = 15000 \\ 3c_m + 4c_n = 25000 \\ \hline 8c_m + 4c_n = 60000 \\ \hline -5c_m = -35000 \end{array}$$

$c_m = 7000$

$c_n = 1000$

$Z = 1000c_m + 750c_n$

$M_1 = 7'500.000$

$M_2 = 7000000 + 750000 = 7'750.000$

$M_3 = 4687500$

$M_4 = 0$