X₁ = Mumber. of Traces hemofactured X₂ = " evtronobiles " X₃ = " vens "

- min 2 = -6 x1 - 4 x2 - 3 x3 (*1000 x)

 $4 \times 1 + 5 \times 2 + 3 \times 3 + X_4 = 12$ $3 \times 1 + 4 \times 2 + 2 \times 3 + X_5 = 10$ $4 \times 1 + 2 \times 2 + 2 \times 3 + 2 \times 6 = 8$

X 4, X5, X6, X1, X2, X3 >,0

$$x^{*} = (x_{1}^{*}, x_{2}^{*}, x_{3}^{*}, x_{4}^{*}, x_{5}^{*}, x_{6}^{*}) = (3/2, 0, 2,0, 3/2,0)$$
 $z^{*} = -15$
 $y^{*} = 15,000$ £