

Y PARA AL MENOS UNO (ix) Vie (hi, Ci) > Vit (hi, Ci) MAX Va (ha, Ca) S.a Viz (hb, Cb) > J FACTIBLE) hb+ha+l=2 Ca+Cb=f(l) ha, Ca, hb, Cb, L

(w,F; ha, (a,hb, b,l) es du EQ. S,

(1) EMP. MAX l'es la Solvaion ai MAX Pf(e)-Wl

LONS MAX (hc, Cc) es la Sol ai E CONS MAX MAX Vc (hi, (i) S.a. whi+PCi=Low+lit*
horCi

(3) MCDOS VACIEN heithhtl= 2

$$Ca+Cb=f(b)$$

$$V=L$$

4:3 = <u>IB</u>
3 Py

FIRMX

1/2 30/

MAX Pxlx - Wlx $\frac{\partial \pi_{x}}{\partial k} = \frac{1}{2} + \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2$ Px = lx

Px = lx TX=PX(PX)-1PX TX = PX = PX = PX = QX

FIRMA Y

IIE

MAX Py 3ly - wly

ly

Jity = 3 Py ly - 1 = 0

$$\frac{\partial ity}{\partial ly} = \frac{3}{2} Py ly - 1$$

$$\frac{1}{2} \frac{1}{3} Py$$

$$\frac{3}{2} \frac{7y}{2} = \frac{1}{2} \frac{1}{2$$

b) MCDOS VACIEN

$$XA + XB = f_X(l_X)$$
 $V_A + V_B = f_Y(l_Y)$
 $Q(l_X + l_Y = 36 + 36 = 72)$
 $Q(l_X + l_Y = 36 + 36 = 72)$
 $Q(l_X + l_Y = 36 + 36 = 72)$

$$\frac{IA}{3Px} + \frac{60+3}{3Px} = Z$$

$$\frac{36.40^{1} + \frac{1}{2}IIx + \frac{1}{2}IIy}{3Px} + \frac{2(36.40^{1} + \frac{1}{2}IIx + \frac{1}{2}IIy)}{3Px} = \frac{Px}{2}$$

$$108 + \frac{311}{2}x + \frac{311}{2}x + \frac{311}{2}x = \frac{3Px^2}{2}$$

$$216 + 317x + 317y = 3Px^2$$

$$72 + 17x + 17y = Px^2$$

$$72 + Px + 9Py^2 = Px^2$$

$$72 + 9Py^2 = \frac{3Px^2}{4}$$

$$72 + 9Py^2 = \frac{3Px^2}{4}$$

$$\frac{12974}{1288+98y=38x^2-288}$$

 $\frac{1}{2} 37x - 288 - 7x^{2}$

$$\frac{COONIZVO}{2}$$

$$\frac{2}{2}$$

$$\frac{2}{2}$$

$$\frac{2}{2}$$

> 5 Py = 288 - Px

$$\frac{(1)}{1} = \frac{3}{2} = \frac{3}{4} = \frac{3}{3} = \frac{3}{4} = \frac{$$

36+18+1(Px)