

f''(x) $f''(x) > 0 \longrightarrow Mir.$ $f''(x) < 0 \longrightarrow Max.$ f''(x) = 0 No es concluente.

$$q = \frac{5600}{28} = 200$$

6)

U (200)

C)

0:

U = - 289 + 5600

0'=0

30,000

9= 5600 = 200

U(0) = -30,000

U((20)=440,400.02

C) 0 { 9 { 300

50,000\$

V=-1492 + 5600 q - 30peo - 50,000

U(200) = 530,000.00 V = -1492 +5600 q -80,000

V=-289+5600 =0

9=200

U(200) = 480,000

U (0)=-801000

U (300)= 340,000