x=20 Y=50 $\begin{cases} Max V = \chi^{\frac{2}{3}} Y^{\frac{1}{3}} \\ 300 = 20X + 20Y \end{cases}$ $\frac{2Y}{x} = \frac{Px}{Py} = \frac{20}{20} = 1$ $Y = \frac{1}{2} \chi$ =) X=(0 Y=5 $U = \chi^{\frac{2}{3}} Y^{\frac{1}{3}} = (20)^{\frac{2}{3}} (5)^{\frac{1}{3}} = (2000)^{\frac{1}{3}}$ Y= = 1 x 12 1 V= (2000) 3 $V = \chi^{\frac{2}{3}} \gamma^{\frac{1}{3}} = (\frac{1}{2} \chi^3)^{\frac{1}{3}} = (2000)^{\frac{1}{3}}$ $\chi = (4000)^{\frac{1}{3}} \approx 15(8)4 \quad \gamma = (500)^{\frac{1}{3}}$ 特化十 $(x, y) = (20, 5) \sim [(4000)^{\frac{1}{3}}, (500)^{\frac{1}{3}}]$ 76り特代= (4000)3-20く0 所得: (K, Y) = [(400)] (500)] ~ (10,5)