п = TR(P, q) - TC(L, K)

TC = K \* r + L \* w

K = 100

r = 0.1

TR = P \* q (L, K)

q (L, K) = 10 \* K^0.5 L^0.5

п = P\* 10 \* 10 \* L^0.5 - 10 - L \* w

Точка экстремизма — это L^0.5 = 100P/2w = 50 \* P/w

L\_e = 2500 P^2/w^2

п = TR(P, q) - TC(L, K)

TC = K \* r + L \* w

K = 100

r = 0.1

TR = P \* q (L, K)

q (L, K) = 10 \* K^0.5 L^0.5

п = P\* 10 \* K^0.5 \* L^0.5 - K \* r - L \* w

U=1\*C^a \* tc^b

a=0,25

b=0,75

720 = tc + tl

0 = tl\*w - C + 10000

tl = (-10000 +C)/w

tc = 720 - tl

U=(1000+tl\*w)^0,25 \*(720-tl)^0,75

U’=0,25 (1000+tl\*w)^-0,75 \*w\* (720-tl)^0,75 - (1000+tl\*w)^0,25 \*0,75\*(720-tl)^(-0,25)=0

<https://www.youtube.com/watch?v=J3yxe5g1lUY>