

Week 6

4. 9=10L05K05, W=Y=10

(A) q=10,Laskas > 1 = 4 / 100K

STC = 101 + 10K = (9/10K) + 10K

AC = (9/10K) + (10K/9), MC = (9/5K)

(B) $\frac{\Delta STC}{\partial K} = \frac{-q^2}{10K^2} + 10 = 0 \Rightarrow \vec{k} = \frac{q}{10}, \ \frac{2}{10} \times \frac{2}{10} \times$

2. TC= 93-129+9.+50

(A) AFC = FC/q = 50/10 = 5

(B) AVC = q2-129+1 > dAVC/dq = 29-12=0 > 9=6

(C)根據生產和成本的對偶性,知道當AVC遞增時,AR.遞

成故答案為9≥6

(D) MC=3q2->4q+1 > dMC/dq=6q->4=0 > q=4,根據 生奉與成本的對偶性,知道高MC處增時,MR.遞減,

故答菜 9.24