

At 10, 20, 10, 5, 2, 5, 10

$$Q = 10L^{0.5}K^{0.5} \quad W = V = 10$$

(A) $C = 10L + 10K$

(B) $MRTS_L = K/L$

(C) $L \uparrow K \downarrow$ 時 $MRTS_L \downarrow$, 等量產線凸向原點.

(D) $\{ K/L = 10/10$

$$\left\{ \begin{array}{l} Q = 10L^{0.5}K^{0.5} \\ \Rightarrow L^* = K^* = 0.1Q \end{array} \right.$$

(E) $TC = 2Q$, $AC = MC = 2$.

(F) $TC \times 10 = 2 \times 10 = 20$.