$q = 10L^{0.5}K^{0.5}$ $w = r = 10$

Date

Ⓐ $C = 10L + 10K$ 成本線方程式

(B) $MRTS = \frac{K}{L}$

(C) L↑, K↓ MRTS下降 ∴故產量線凸向原點

(D) $\begin{cases} \frac{K}{L} = 10 \\ q = 10L^{0.5}K^{0.5} \end{cases} \Rightarrow L^* = K^* = 0.1q$

(E) $TC = 2q$ ∴ $AC = MC = 2$

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