

5.

$$(1) \text{ MRTS} = K/L \text{ 帶入替代彈性 } \sigma = \frac{d \ln(K/L)}{d \ln \text{MRTS}} = \frac{d \ln(K/L)}{d \ln(K/L)} = 1$$

$$(2) \text{ MRTS} = 2 \text{ 帶入替代彈性 } \sigma = \frac{d \ln(K/L)}{d \ln \text{MRTS}} = \frac{d \ln(K/L)}{d \ln(2)} = \infty$$

8.

(1)(3)

9.

(A) 遞增規模報酬

(B) 固定規模報酬

(C) 遞減規模報酬