4.

(A)
$$g = 10 L^{0.5} k^{0.5} \rightarrow L^* = \frac{g^2}{100 k}$$
 $STC = 10 L^* + 10 k = \frac{g^2}{10 k} + 10 k$
 $AC = \frac{g}{10 k} + \frac{10 k}{g}$, $MC = \frac{g}{5 k}$

(B) $\frac{dSTC}{dk} = \frac{-g^2}{10 k^2} + 10 = 0 \Rightarrow \tilde{k} = \frac{g}{10}$, $\frac{11}{10} \times 10 \times 10 = \frac{g}{10} = \frac{g}{10} \times 10 = \frac{g}{10} = \frac{$

7.

(A)
$$AFc = \frac{FC}{8} = \frac{50}{10} = 5$$
(B) $AVC = 8^{2} - 128 + 1 \rightarrow \frac{dAVC}{d9} = 28 - 12 = 0 \rightarrow 8 = 6$.
(C) AVC 遞增時, APL 遞減, 故產量 $= 26$ $= 26$ $= 26$ $= 24$ $= 0 \rightarrow 8 = 4$ $= 4$