

week 4

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A) $C = 102 + 10L$

B) $MRTS_{LK} = \frac{K}{L}$

C) $\frac{L}{K}$

D) $\frac{L}{K} = \frac{10}{10}$

$q = 102 + 10L^{0.5}K^{0.5} \rightarrow L^* = K^* = 0.1q$

E) $TC = 2q$, $AC = MC = 2$

F) $10 \times 10 = 100$