$$f(K,L) = 10K+5L$$

$$MRL = 5$$

$$MRL = MPK$$

$$MPL = 3f(.)$$

$$MPL = 5$$

$$f(L,K) = 2K + 15L$$

$$f(\lambda L, \lambda K) \qquad \lambda f(L, K)$$

$$f(\lambda L, \lambda K) \qquad \lambda f(L, K)$$

$$f(\lambda L, \lambda K) \qquad (onstant)$$

$$f(\lambda K) + 15(\lambda L) \qquad (onstant)$$

$$f(\lambda K) + 15(\lambda L) \qquad \lambda f(L, K)$$

$$f(\lambda L, \lambda K) \qquad \lambda f(L, K)$$

Intermediate Microeconomics f(L,K)=mm{3K,21L} Professor Galvez-Soriano (UH) $f(\chi L) \lambda K) = mm (3(\lambda K), 4(\lambda L)$ $= mn \{3 \times K, 4 \times L\}$ = \times m m $\sqrt{3}$ K, 4 L $\sqrt{3}$

Professor Galvez-Soriano (UH) **Intermediate Microeconomics**